

## PUBLIC HEALTH REPORTS.

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### REPORT OF THE TRANSACTIONS OF THE INTERNATIONAL COMMISSION FOR THE REVISION OF THE INTERNATIONAL CLASSIFICATION OF THE NOMENCLATURE OF DISEASES AND CAUSES OF DEATH, HELD IN PARIS, IN JULY, 1909.

By H. D. Geddings, Surgeon, United States Public Health and Marine-Hospital Service.

The commission convened at 9.30 o'clock on the morning of July 1, 1909, in the conference room of the ministry of the interior, Paris, under the presidency of Dr. Arnold Netter, member of the academy of medicine, professor of medicine of the Trouseau Hospital and member of the superior council of hygiene of France. Dr. Jacques Bertillon acted as secretary-general.

On calling the roll of countries the following were found to be represented by one or more delegates, viz: Austria, Australia, Belgium, Brazil, Bulgaria, United States of Colombia, Costa Rica, China, United States of America, Spain, France, Greece, Italy, Mexico, Monaco, Montenegro, Holland, Roumania, and Switzerland.

The delegation of the United States was as follows: Surg. Frank L. Pleadwell, U. S. Navy; Surg. H. D. Geddings, U. S. Public Health and Marine-Hospital Service; Dr. Wilmer R. Batt, state registrar of vital statistics of Pennsylvania; Prof. Walter F. Willcox, of Cornell University; Dr. William H. Guilfoy, registrar of records of the department of health of the city of New York, and Dr. Cressy L. Wilbur, chief statistician of the Bureau of the Census, Washington, D. C.

At a preliminary meeting of the delegation of the United States, which your representative was unable to attend, Surg. Frank L. Pleadwell, U. S. Navy, was chosen as the chairman of the delegation, and at the opening session Doctor Wilbur was announced as one of the vice-presidents.

Addresses of welcome were delivered by the president, Professor Netter, and the secretary-general, Dr. Jacques Bertillon.

The object of the commission was then explained at length by Doctor Bertillon, and the work of revision was at once proceeded with. Two sessions daily were held during the continuance of the meeting, and the transactions were marked by a spirit of entire harmony and good feeling, although, as was naturally to be expected,

there was a wide diversity of opinion upon the revision of many of the titles and rubrics.

It was noticeable, as the work of the commission progressed, that there was opposition to any subdivision of titles and multiplication of the number of rubrics, any proposition looking to either of these ends being almost universally voted down and in some instances the discussion on such propositions being apparently cut short.

Another feature worthy of notice was that in the arrangement of the classification of diseases and causes of death, it was the convenience of the statistician, rather than the ideas of the pathologist that was given chief consideration, but as the classification is intended primarily for the use of statisticians, this would seem to be justifiable.

After five sessions, a protocol of signature was prepared and signed by one delegate from each country on the afternoon of July 3, and immediately thereafter the commission adjourned.

The delegates were the recipients of numerous hospitalities, and among the invitations received was that to a lunch to the American delegation by the American ambassador at Paris, and one to a reception to the entire commission by the President of the French Republic and Madame Faillières, on Sunday, July 4, 1909.

#### AMOEVIC DYSENTERY IN SAN FRANCISCO, CAL.

By H. W. Austin, Surgeon, United States Public Health and Marine-Hospital Service

Cases of amoebic dysentery are now frequently admitted to this hospital (Marine Hospital, San Francisco). The total number of such cases received from December 1, 1908, to August 9, 1909, was 55, 16 of which, it is believed, originated in California.

A thorough and careful examination was made in each case, and no case was recorded as amoebiasis until living motile amoebae were found in the stools on several different days, nor was it then recorded unless the patient had also the clinical symptoms of the disease. In one case operated on for appendicitis motile amoebae were found in the ulcerated appendix, and in several cases with liver abscess the motile amoebae were found in the abscess.

A careful investigation of the antecedents of each case was made, and it was found that of the 55 cases suffering from amoebiasis 16 had undoubtedly contracted the disease on the Pacific coast of the United States. I concur in the opinion of Passed Assistant Surgeon Long that the disease is undoubtedly spread here by the eating of fresh vegetables raised by Chinese truckmen, who fertilize the plants with human excreta, as is the custom in China and other oriental countries. The matter has been brought to the attention of the local health authorities, who, it is believed, will find means to exercise effective supervision over gardens where vegetables are raised for the market.

At a recent meeting of the San Francisco board of health, called to consider this matter, the following measures were decided upon:

1. Amoebic dysentery, or amoebiasis, to be declared an infectious disease, and all physicians and hospitals notified that cases coming to their knowledge must be reported to the board of health.

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2. That a resolution be presented to the board of supervisors, urgently requesting the extension of the jail sewer to the city sewer, and also urging that the construction of Islais Creek sewer be hastened as rapidly as possible.

3. The health officer was directed to prepare an ordinance to present to the board of supervisors, making the use of human excrement and sewage for the irrigation or fertilization of vegetables a misdemeanor.

4. That as soon as possible sanitary inspectors be appointed to investigate the condition of vegetable gardens.

5. That samples of vegetables be collected and sent to Acting Assistant Surgeon Wherry, United States Public Health and Marine-Hospital Service, at the plague laboratory, Oakland, to determine whether or not amœbae could be cultivated from them.

The practicability of licensing the sale of vegetables in the city, in order to maintain control over such gardens as were located outside of the city limits was discussed, but was left for another time.

The amœba has also been demonstrated by one of the hospital staff in several recent cases of dysentery occurring in this city in the practice of private physicians.

The usual treatment of cases at this hospital has been, first, large doses of ipecac given in salol-coated capsules; later high enemata of 1 to 1,000 quinine solution. Appendicostomy was performed in a few cases last year, but usually this operation is not found to be essential to successful treatment.

## UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond.*

Surgeon Blue reports:

### SAN FRANCISCO, CAL.

Last case of human plague: Sickened, January 30, 1908.  
Last case of rodent plague: October 23, 1908.

*Week ended September 4, 1909.*

Sick inspected.....	2
Plague.....	0
Dead inspected.....	109
Plague.....	0
Premises inspected.....	2,200
Houses disinfected.....	30
Houses destroyed.....	1
Buildings condemned.....	8
Nuisances abated.....	222
	=====
Rats found dead.....	12
Rats trapped.....	2,224
	=====
Total rats taken.....	2,236
	=====
Rats identified:	
Mus norvegicus.....	1,642
Mus rattus.....	53
Mus musculus.....	521
Mus alexandrinus.....	10
	=====
Total.....	2,226
	=====

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## Rats identified as to sex:

Male.....	975
Female.....	882
Total.....	1,857

Rats examined bacteriologically.....	1,262
Plague rats.....	0
Poisons placed.....	16,540
Total number of rats infected to date.....	398

## OAKLAND, CAL.

Last case of human plague: Sickened, July 17, 1908.  
 Last case of rodent plague: Trapped, December 1, 1908.

Week ended September 4, 1909.

Dead inspected.....	24
Plague.....	0
Rats found dead.....	22
Rats trapped.....	626
 Rats identified:	 
Mus norvegicus.....	609
Mus musculus.....	39
Total.....	648
 Rats examined bacteriologically.....	609
Plague rats.....	0
Ground squirrels trapped.....	8
Ground squirrels shot.....	53
Ground squirrels examined bacteriologically.....	61
Plague squirrels.....	0

## POINT RICHMOND, CAL.

Week ended August 28.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	1
Plague.....	0

Week ended September 4.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	2
Plague.....	0

## MILK EPIDEMIC OF TYPHOID FEVER.

Report from Ithaca, N. Y.

Doctor Crumm, health officer, reports, August 31:  
 During the 10 days ended August 31, 35 cases of typhoid fever, with 1 death, occurred at Ithaca. All the cases were due to infected milk on one route.

## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CONNECTICUT.—Month of August, 1909. Reports to the state board of health from 158 towns having an aggregate population of 1,042,834 show as follows: Total number of deaths from all causes,

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1,468, corresponding to an annual death rate of 16.8 per 1,000 of population, including measles 8, scarlet fever 5, diphtheria 9, whooping cough 20, enteric fever 29, and 105 from pulmonary tuberculosis. Cases: Measles, 103 in 25 towns; scarlet fever, 73 in 19 towns; diphtheria, 107 in 33 towns; whooping cough, 96 in 21 towns; enteric fever, 165 in 43 towns; and tuberculosis, 100 in 29 towns.

**FLORIDA—Pensacola.**—Month of August, 1909. Estimated population, 30,000. Total number of deaths, 25, including enteric fever 5, and 2 from tuberculosis.

**ILLINOIS—Quincy.**—Month of August, 1909. Estimated population, 43,000. Total number of deaths 55, including diphtheria 2, enteric fever 2, and 5 from tuberculosis. Cases: Not reported.

**KENTUCKY—Henderson.**—Month of August, 1909. Estimated population, 17,900. Total number of deaths, 21, including 2 from tuberculosis. Cases: Enteric fever 13, scarlet fever 1, whooping cough 1, and 2 from tuberculosis.

**Louisville.**—Month of August, 1909. Estimated population, 260,416. Total number of deaths, 291, corresponding to an annual death rate of 15.34 per 1,000 of population, including enteric fever 13, scarlet fever 3, diphtheria 1, and 43 from tuberculosis. Cases: Scarlet fever 13, enteric fever 45, and diphtheria 13.

**MARYLAND—Washington County.**—Month of August, 1909. Estimated population, 50,000. Total number of deaths, 82. Cases: Enteric fever 20, diphtheria 3, and whooping cough 2.

**MINNESOTA.**—Month of June, 1909. Estimated population, 1,979,658. Reports to the state board of health show as follows: Total number of deaths, 1,247, including diphtheria 36, enteric fever 21, scarlet fever 26, measles 4, whooping cough 16, smallpox 3, and 178 from tuberculosis. Deaths reported from state institutions during the month numbered 23, including 5 from tuberculosis.

**NEW HAMPSHIRE—Manchester.**—Month of August, 1909. Estimated population, 68,000. Total number of deaths, 123, corresponding to a monthly death rate of 1.79 per 1,000 of population, including diphtheria 2, enteric fever 1, and 10 from tuberculosis. Cases: Scarlet fever 4, measles 27, diphtheria 19, and enteric fever 2.

**NEW YORK STATE.**—Month of July, 1909. Estimated population, 8,699,643. Total number of deaths, 11,199, corresponding to an annual death rate of 15.4 per 1,000 of population, including enteric fever 85, measles 126, scarlet fever 65, whooping cough 94, diphtheria 127, and 1,327 from tuberculosis. Cases: Tuberculosis 2,638, diphtheria 1,126, scarlet fever 724, measles 2,695, smallpox 16, and enteric fever 474.

**Buffalo.**—Month of August, 1909. Estimated population, 352,387. Total number of deaths 525, including diphtheria 6, enteric fever 7,

measles 3, scarlet fever 4, whooping cough 3, and 37 from tuberculosis. Cases: Diphtheria 34, enteric fever 67, measles 22, scarlet fever 79, whooping cough 27, and tuberculosis 109.

*Ithaca*.—Month of August, 1909. Estimated population, 16,000. Total number of deaths not reported. One death from enteric fever reported. Cases: Enteric fever 35.

*Rome*.—Month of August, 1909. Census population, 15,343. Total number of deaths 42, including 2 from tuberculosis. Cases: Diphtheria 4, enteric fever 2, tuberculosis 2.

*Troy*.—Month of July, 1909. Estimated population, 77,650. Total number of deaths, 111, corresponding to an annual death rate of 14.06 per 1,000 of population, including whooping cough 2, and 14 from pulmonary tuberculosis. Cases: Enteric fever 2, diphtheria 5, whooping cough 4, and tuberculosis 12.

**VIRGINIA—Lynchburg**.—Month of August, 1909. Total number of deaths 25, including enteric fever 4, and 2 from tuberculosis. Cases: Not reported.

*Richmond*.—Month of August, 1909. Estimated population, 115,701 (white, 73,204; colored, 42,497). Total number of deaths 176 (white, 77; colored, 99), including enteric fever 4, and 20 (white, 3; colored, 17) from pulmonary tuberculosis. Cases: Diphtheria 6, enteric fever 61, measles 3, and whooping cough 11.

**WASHINGTON—Tacoma**.—Month of August, 1909. Estimated population, 120,000. Total number of deaths 68, including scarlet fever 1, diphtheria 2, and 10 from tuberculosis. Cases: Pulmonary tuberculosis 11, scarlet fever 19, enteric fever 15, and diphtheria 6.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 26 to September 24, 1909.*

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[*NOTE*.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Berkeley.....	July 25-31.....	1.....		
Hobart Mills.....	Apr. 1-30.....	1.....		
Sacramento.....	June 6-12.....	1.....		
San Francisco.....	June 6-July 3.....	2.....		
Truckee.....	Mar. 23.....	3.....		
Total for State.....	.....	8.....		
Connecticut:				
New Haven.....	May 1-31.....	1.....		
Total for State.....	.....	1.....		
District of Columbia:				
Washington.....	Aug. 8-14.....	1.....		
Total for District .....	.....	1.....		
Georgia:				
Macon.....	June 14-July 11....	8.....		
Total for State.....	.....	8.....		

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois:</b>				
Alexander County—				
Cairo.....	May 1-June 30.....	25		
Champaign County.....	Apr. 1-May 31.....	25		
Christian County.....	Apr. 1-May 31.....	35		
Clay County.....	Apr. 1-30.....	1		
Clinton County.....	Apr. 1-June 30.....	7		
Cook County—				
Chicago.....	June 20-Aug. 21.....	5		
Dewitt County.....	May 1-31.....	7		
Edwards County.....	Apr. 1-May 31.....	3		
Effingham County.....	Apr. 1-30.....	2		
Fayette County.....	May 1-31.....	2		
Franklin County.....	Apr. 1-May 31.....	2		
Fulton County.....	Apr. 1-June 30.....			Present.
Gallatin County.....	Apr. 1-May 31.....	16		
Iroquois County.....	May 1-31.....	1		
Jackson County—				
Murphysboro.....	Apr. 1-May 31.....	40		
Knox County.....	Apr. 1-30.....	8		
Lake County.....	Apr. 1-July 31.....	14		
LaSalle County.....	Apr. 1-30.....	3		
McDonough County.....	Apr. 1-30.....	25		
McHenry County—				
Marengo.....	May 1-June 30.....	97		
Macoupin County.....	Apr. 1-May 31.....	6		
McLean County.....	June 1-30.....	1		
Madison County.....	May 1-June 30.....	2		
Marion County.....	Apr. 1-June 30.....	14		
Massac County—				
Metropolis.....	Apr. 1-May 31.....	29		
Montgomery County.....	May 1-June 30.....	2		
Pearl County—				
Peoria.....	Apr. 1-June 30.....	13		
Perry County.....	June 1-Aug. 31.....	46		
Pulaski County.....	Apr. 1-July 31.....	13		
Rock Island County—				
Moline.....	May 1-31.....	5		
St. Clair County—				
East St. Louis.....	June 1-July 31.....	2		
Saline County.....	May 1-31.....	11		
Sangamon County—				
Springfield.....	May 1-30.....	30		
Schuylerville.....	May 29-July 9.....	1		
Shelby County.....	May 1-31.....	3		
Stephenson County.....	May 1-31.....	3		
Tazewell County—				
Pekin.....	May 1-31.....	4		
Union County.....	Apr. 1-July 31.....	70		
Vermilion County.....	Apr. 1-May 31.....	5		
Danville.....	Apr. 1-May 31.....	2		
Warren County.....	June 14-Aug. 1.....	11		
Will County—				
Joliet.....	June 1-July 31.....	3		
Williamson County.....	July 1-31.....	1		
Winnebago County.....	Apr. 1-May 31.....	6		
Woodford County.....	June 1-30.....	1		
Total for State.....	Apr. 1-July 31.....	25		
<b>Indiana:</b>				
Allen County.....	May 1-31.....	5		
Fort Wayne.....	June 6-Sept. 11.....	88		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	4		
Dearborn County.....	May 1-31.....	4		
Dekalb County.....	June 1-30.....	1		
Delaware County—				
Muncie.....	May 1-31.....	1		
Fayette County.....	June 1-30.....	4		
Gibson County.....	June 1-30.....	1		
Grant County.....	May 1-31.....	5		
Greene County.....	May 1-June 30.....	3		
Marion County—				
Indianapolis.....	June 1-30.....	2		
Montgomery County.....	June 14-20.....	1		
Parke County.....	May 1-June 30.....	9		
Pulaski County.....	May 1-31.....	1		
St. Joseph County—				
South Bend.....	May 1-31.....	2		
Vanderburgh County.....	June 1-30.....	4		
Vermilion County.....	June 13-Aug. 14.....	5		
Vigo County.....	May 1-June 30.....	26		
	May 1-June 30.....	41		
	June 1-30.....	4		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Wayne County.....	May 1-June 30.....	10	1	
White County.....	May 1-31.....	2	.....	
Total for State.....	.....	224	1	
<b>Iowa:</b>				
Cedar Rapids.....	July 1-Aug. 31.....	2	.....	
Keokuk.....	May 1-31.....	3	.....	
Ottumwa.....	June 1-30.....	1	.....	
Total for State.....	.....	6	.....	
<b>Kansas:</b>				
Allen County.....	May 1-31.....	5	.....	
Atchison County.....	June 1-30.....	7	.....	
Brown County.....	June 1-30.....	1	.....	
Chautauqua County.....	May 1-31.....	3	.....	
Cherokee County.....	May 1-31.....	1	.....	
Coffey County.....	May 1-31.....	1	.....	
Comanche County.....	June 1-30.....	3	.....	
Cowley County.....	May 1-31.....	14	.....	
Crawford County.....	May 1-31.....	20	.....	
Pittsburg.....	May 1-June 30.....	4	.....	
Decatur County.....	June 1-30.....	12	1	
Dickinson County.....	May 1-June 30.....	1	.....	
Doniphan County.....	May 1-June 30.....	20	.....	
Douglas County.....	May 1-31.....	1	.....	
Elk County.....	May 1-31.....	1	.....	
Ellsworth County.....	June 1-30.....	1	.....	
Franklin County.....	May 1-31.....	5	.....	
Geary County.....	May 1-31.....	4	.....	
Graham County.....	June 1-30.....	6	.....	
Greenwood County.....	May 1-31.....	3	.....	
Jackson County.....	May 1-June 30.....	24	.....	
Jefferson County.....	May 1-31.....	2	.....	
Jewell County.....	May 1-31.....	6	.....	
Kearny County.....	May 1-31.....	1	.....	
Labette County.....				
Parsons.....	May 1-June 30.....	8	.....	
Lyon County.....	May 1-31.....	27	.....	
Marshall County.....	May 1-June 30.....	225	.....	
Montgomery County.....	May 1-June 30.....	3	.....	
Nemaha County.....	June 1-30.....	1	.....	
Osage County.....	May 1-June 30.....	32	.....	
Osborne County.....	May 1-June 30.....	11	.....	
Ottawa County.....	May 1-31.....	3	.....	
Phillips County.....	May 1-31.....	1	.....	
Pottawatomie County.....	May 1-June 30.....	7	.....	
Pratt County.....	May 1-31.....	5	.....	
Rawlins County.....	May 1-31.....	13	.....	
Republic County.....	June 1-30.....	1	.....	
Riley County.....	May 1-June 30.....	8	.....	
Rush County.....	June 1-30.....	2	.....	
Russell County.....	June 1-30.....	1	.....	
Saline County.....	May 1-31.....	2	.....	
Sedgwick County.....	May 1-31.....	11	.....	
Wichita.....	July 1-Aug. 7.....	5	.....	
Shawnee County.....	May 1-31.....	8	.....	
Topeka.....	May 1-June 30.....	38	.....	
Smith County.....	May 1-31.....	11	.....	
Sumner County.....	May 1-31.....	3	.....	
Thomas County.....	May 1-31.....	1	.....	
Wabaunsee County.....	May 1-31.....	6	.....	
Wyandotte County.....	May 1-31.....	4	.....	
Kansas City.....	June 13-July 17.....	10	.....	
Total for State.....	.....	593	1	
<b>Kentucky:</b>				
Covington.....	June 13-July 3.....	5	.....	
Lexington.....	June 20-Aug. 21.....	16	.....	
Newport.....	June 14-July 25.....	4	.....	
Paducah.....	June 13-26.....	3	.....	
Total for State.....	.....	28	.....	
<b>Louisiana:</b>				
New Orleans.....	June 13-Sept. 4.....	13	.....	
Total for State.....	.....	13	.....	

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland, general.....	Mar. 1-Apr. 30.....	9.....		
Total for State.....		9.....		
Massachusetts:				
Lawrence.....	June 27-July 3.....	1.....		
Total for State.....		1.....		
Michigan:				
Bay County—				
Bay City.....	June 1-30.....	1.....		
Calhoun County.....	June 1-30.....	1.....		
Chippewa County.....	May 1-31.....	1.....		
Delta County.....	June 1-30.....	1.....		
Eaton County.....	May 1-June 30.....	21.....		
Emmet County.....	June 1-30.....	1.....		
Houghton County.....	May 1-31.....	1.....		
Huron County.....	June 1-30.....	1.....		
Ingham County.....	May 1-31.....	1.....		
Jackson County.....	May 1-31.....	1.....		
Kalamazoo County—				
Kalamazoo.....	July 4-24.....	2.....		
Kent County—				
Grand Rapids.....	June 6-26.....	2.....		
Lapeer County.....	June 1-30.....	1.....		
Marquette County.....	May 1-June 30.....	6.....		
Muskegon County.....	May 1-June 30.....	6.....		
Newago County.....	June 1-30.....	1.....		
Oceana County.....	May 1-31.....	1.....		
Ottawa County.....	May 1-June 30.....	7.....		
Saginaw County.....	May 1-June 30.....	17.....		
Saginaw.....	July 25-31.....	1.....		
St. Clair County.....	May 1-June 30.....	4.....		
Schoolcraft County—				
Manistique.....	June 1-30.....	27.....		
Tuscola County.....	May 1-31.....	4.....		
Wayne County—				
Detroit.....	May 1-31.....	1.....		
Total for State.....		110.....		
Minnesota, general.....	Mar. 1-Apr. 30.....		3.....	
Becker County.....	June 15-21.....	5.....		
Bigstone County.....	June 8-14.....	1.....		
Carver County.....	July 6-12.....	1.....		
Faribault County.....	June 7-14.....	2.....		
Hennepin County—				
Minneapolis.....	May 1-June 30.....	39.....		
Hubbard County.....	May 25-31.....	1.....		
Itasca County.....	May 25-June 14.....	7.....		
Lesueur County.....	June 1-7.....	1.....		
McLeod County.....	May 25-31.....	1.....		
Marshall County.....	June 8-July 5.....	6.....		
Meeker County.....	May 25-31.....	5.....		
Morrison County.....	June 21-28.....	1.....		
Nobles County.....	May 25-June 21.....	2.....		
Olmsted County.....	June 8-14.....	2.....		
Pine County.....	May 25-31.....	1.....		
Ramsey County—				
St. Paul.....	Apr. 1-May 31.....	10.....		
Redwood County.....	June 1-7.....	1.....		
Rock County.....	June 1-7.....	1.....		
St. Louis County.....	May 25-June 21.....	3.....		
Duluth.....	June 10-Aug. 27.....	20.....		
Sibley County.....	June 22-28.....	3.....		
Steele County.....	May 25-June 21.....	3.....		
Wabasha County.....	May 25-31.....	2.....		
Wadena County.....	May 25-June 21.....	10.....		
Waseca County.....	May 25-31.....	8.....		
Wright County.....	June 15-21.....	1.....		
Total for State.....		137.....	3.....	
Missouri:				
Kansas City.....	June 13-26.....	2.....		
St. Joseph.....	May 30-July 24.....	19.....		
St. Louis.....	June 20-Sept. 11.....	7.....		
Total for State.....		28.....		

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Montana:</b>				
Carbon County.....	June 1-July 31....	6		
Cascade County—				
Great Falls.....	June 1-30.....	1		
Chouteau County.....	June 1-30.....	1		
Custer County.....	June 1-30.....	1		
Dawson County.....	May 1-31.....	5		
Deerlodge County.....	May 1-31.....	1		
Fergus County.....	June 1-30.....	1		
Flathead County.....	May 1-31.....	4		
Gallatin County.....	May 1-31.....	4		
Jefferson County.....	May 1-31.....	2		
Lewis and Clark County—				
Helena.....	May 1-31.....	1		
Missoula County—				
Missoula.....	June 1-July 31.....	4		
Park County.....	May 1-June 30.....	21		
Livingston.....	May 1-July 31.....	12		
Sanders County.....	May 1-31.....	1		
Silverbow County.....	June 1-July 31.....	16		
Butte.....	June 11-Aug. 26.....	34		
Teton County.....	May 1-31.....	1		
Valley County.....	May 1-31.....	1		
Yellowstone County.....	May 1-July 31.....	7		
Total for State.....		124		
<b>Nebraska:</b>				
Lincoln.....	May 1-July 31.....	34		
Total for State.....		34		
<b>New York, general:</b>				
May 1-June 30.....	433			
Total for State.....		433		
<b>North Carolina:</b>				
Beaufort County.....	June 1-30.....	1		
Bladen County.....	Apr. 1-30.....	5		
Buncombe County.....	Apr. 1-30.....	1		
Caldwell County.....	Apr. 1-June 30.....	19		
Camden County.....	Apr. 1-June 30.....	70		
Carteret County.....	Apr. 1-30.....	1		
Craven County.....	Apr. 1-June 30.....	8		
Cumberland County.....	May 1-31.....	1		
Duplin County.....	Apr. 1-June 30.....	25		
Johnston County.....	Apr. 1-30.....	2		
Harnett County.....	June 1-30.....	3		
Lee County.....	Apr. 1-30.....	6		
Madison County.....	May 1-June 30.....	7		
Mecklenburg County.....	May 1-31.....	2		
Mitchell County.....	Apr. 1-30.....			
Nash County.....	June 1-30.....	1		
Onslow County.....	Apr. 1-30.....	2		
Pamlico County.....	May 1-31.....	4		
Pasquotank County.....	Apr. 1-May 31.....	15		
Pitt County.....	Apr. 1-June 30.....	17		
Robeson County.....	June 1-30.....	8		
Rowan County.....	May 1-June 30.....	16		
Sampson County.....	Apr. 1-June 30.....	51		
Transylvania County.....	May 1-31.....	5		
Wake County.....	Apr. 1-30.....	2		
Watauga County.....	June 1-30.....	12		
Wayne County.....	May 1-31.....	14		
Wilson County.....	Apr. 1-30.....	1		
Yancey County.....	Apr. 1-May 31.....	8		
Total for State.....		307		
<b>North Dakota:</b>				
Bottineau County.....	May 1-31.....	1		
Grand Forks County.....	May 1-June 30.....	7		
Lamoure County.....	May 1-June 30.....	3		
McHenry County.....	May 1-31.....	1		
Stutsman County.....	June 1-30.....	2		
Walsh County.....	June 1-20.....	2		
Ward County.....	May 1-June 30.....	9		
Total for State.....		25		

Present.

In extreme northern part.

September 24, 1900

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio:</b>				
Cincinnati.....	June 12-July 2.....	4	.....	
Dayton.....	July 18-Sept. 11.....	15	1	
Toledo.....	July 25-Aug. 7.....	2	.....	
Total for State.....		21	1	
<b>Oklahoma:</b>				
Oklahoma.....	Apr. 3-Aug. 21.....	51	1	
Total for State.....		51	1	
<b>Oregon:</b>				
Clackamas County.....	May 1-June 30.....	3	.....	
Coos County.....	June 1-30.....	1	.....	
Marion County.....	May 1-June 30.....	11	.....	
Multnomah County.....	May 1-June 30.....	3	.....	
Portland.....	Apr. 1-July 31.....	33	.....	
Umatilla County.....	June 1-30.....	2	.....	
Union County.....	June 1-30.....	1	.....	
Washington County.....	May 1-June 30.....	14	.....	
Yamhill County.....	June 1-30.....	3	.....	
Total for State.....		71	.....	
<b>Pennsylvania:</b>				
Philadelphia.....	July 10-24.....	4	.....	
Total for State.....		4	.....	
<b>Tennessee:</b>				
Knoxville.....	June 20-Aug. 21.....	7	.....	
Total for State.....		7	.....	
<b>Texas:</b>				
Archer County.....	June 1-30.....	1	.....	
Baylor County.....	June 1-30.....	22	.....	
Bee County.....	June 1-30.....	6	.....	
Bexar County.....	June 1-30.....	1	1	
San Antonio.....	June 13-July 17.....	10	.....	
Bowie County.....	June 1-30.....	7	.....	
Cameron County.....	June 1-30.....	1	.....	
Cherokee County.....	June 1-30.....	1	.....	
Childress County.....	June 1-30.....	4	.....	
Ellis County.....	May 1-June 30.....	2	.....	
Galveston County.....	June 1-30.....	1	.....	
Galveston.....	June 19-25.....	1	.....	
Gonzales County.....	May 1-June 30.....	6	2	
Graysom County.....	June 1-30.....	9	.....	
Harris County.....	June 1-30.....	12	.....	
Houston.....	Mar. 28-June 19.....	17	.....	
Harrison County.....	June 1-30.....	15	.....	
Henderson County.....	June 1-30.....	15	.....	
Jefferson County.....	May 1-June 30.....	3	.....	
Jones County.....	June 1-30.....	2	.....	
Kinney County.....	June 1-30.....	1	1	
Lamar County.....	June 1-30.....	12	.....	
Matagorde County.....	May 1-June 30.....	10	.....	
McLennan County.....	June 1-30.....	19	.....	
Milam County.....	June 1-30.....	5	.....	
Runnels County.....	May 1-June 30.....	17	.....	
San Saba County.....	Apr. 9-June 30.....	11	.....	
Smith County.....	June 1-30.....	10	.....	
Stephens County.....	June 1-30.....	33	1	
Tarrant County.....	May 1-June 30.....	19	3	
Forth Worth.....	June 1-July 31.....	5	.....	
Travis County.....	May 1-June 30.....	19	.....	
Upshur County.....	May 1-June 30.....	2	.....	
Van Zandt County.....	May 1-June 30.....	6	.....	
Webb County.....	June 19.....	1	.....	
Laredo.....	June 1-30.....	2	.....	
Wharton County.....	June 1-30.....	5	.....	
Wichita County.....	June 1-30.....	4	1	
Williamson County.....	June 1-30.....	4	1	
Total for State.....		317	9	
<b>Utah:</b>				
Boxelder County.....	May 1-31.....	3	.....	
Cache County.....	June 1-July 31.....	4	.....	
Carbon County.....	June 1-July 31.....	3	.....	
Davis County.....	May 1-July 31.....	30	.....	
Emery County.....	June 1-July 31.....	4	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Utah—Continued.</b>				
Garfield County.....	May 1-July 31.....	6	.....	
Salt Lake County.....	May 1-July 31.....	57	1	
Salt Lake City.....	June 1-30.....	56	.....	
Sanpete County.....	May 1-July 31.....	29	.....	
Summit County.....	May 1-July 31.....	67	.....	
Tooele County.....	May 1-31.....	5	.....	
Uintah County.....	May 1-July 31.....	21	.....	
Utah County.....	May 1-July 31.....	10	.....	
Weber County.....	May 1-July 31.....	4	.....	
Total for State.....		299	1	
<b>Virginia:</b>				
Lynchburg.....	June 20-26.....	1	.....	
Total for State.....		1	.....	
<b>Washington:</b>				
Spokane.....	June 6-July 3.....	7	.....	
Tacoma.....	May 14-June 27.....	6	.....	
Total for State.....		13	.....	
<b>Wisconsin:</b>				
Ashland County.....	Jan. 1-Mar. 31.....	8	.....	
Baron County.....	Jan. 1-Mar. 31.....	47	.....	
Buffalo County.....	Jan. 1-Mar. 31.....	5	.....	
Burnett County.....	Jan. 1-Mar. 31.....	11	.....	
Calumet County.....	Jan. 1-Mar. 31.....	1	.....	
Chippewa County.....	Jan. 1-Mar. 31.....	87	1	
Clark County.....	Jan. 1-Mar. 31.....	13	.....	
Columbia County.....	Jan. 1-Mar. 31.....	1	.....	
Douglas County.....	Jan. 1-Mar. 31.....	8	.....	
Dunn County.....	Jan. 1-Mar. 31.....	35	2	
Fond du Lac County.....	Jan. 1-Mar. 31.....	1	.....	
Jackson County.....	Jan. 1-Mar. 31.....	1	.....	
Juneau County.....	Jan. 1-Mar. 31.....	39	.....	
La Crosse County—				
La Crosse.....	June 13-July 10.....	2	.....	
Manitowoc County.....	Jan. 1-Mar. 31.....	33	.....	
Marathon County.....	Jan. 1-Mar. 31.....	1	.....	
Milwaukee County—				
Milwaukee.....	June 21-27.....	2	.....	
Oconto County.....	Jan. 1-Mar. 31.....	1	.....	
Outagamie County—				
Appleton.....	June 20-July 31.....	22	.....	
Ozaukee County.....	Jan. 1-Mar. 31.....	13	.....	
Pepin County.....	Jan. 1-Mar. 31.....	2	.....	
Pierce County.....	Jan. 1-Mar. 31.....	4	.....	
Polk County.....	Jan. 1-Mar. 31.....	2	.....	
St. Croix County.....	Jan. 1-Mar. 31.....	47	.....	
Sheboygan County.....	Jan. 1-Mar. 31.....	40	.....	
Taylor County.....	Jan. 1-Mar. 31.....	5	.....	
Trempealeau County.....	Jan. 1-Mar. 31.....	3	.....	
Vernon County.....	Jan. 1-Mar. 31.....	51	.....	
Washburn County.....	Jan. 1-Mar. 31.....	8	.....	
Waukesha County.....	Jan. 1-Mar. 31.....	5	.....	
Waupaca County.....	Jan. 1-Mar. 31.....	24	.....	
Waushara County.....	Jan. 1-Mar. 31.....	1	.....	
Winnebago County.....	Jan. 1-Mar. 31.....	4	.....	
Total for State.....		527	3	
Grand total for the United States.....		4,048	20	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, August 2-September 24, 1909.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Alameda County—				
Sanol.....	Aug. 2-12.....	1	1	Case sickened July 27.

September 24, 1900

## Weekly morbidity and mortality table, cities of the United States.

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles.	Whoop-						
				Cases.	Deaths.	Cases.	Deaths.								
Allentown, Pa.	Aug. 14	35,416	7	4	2	6	1	1	—						
Do.	Aug. 21	35,416	13	5	11	1	3	—	—						
Do.	Aug. 28	35,416	32	2	8	6	2	1	—						
Do.	Sept. 4	35,416	20	1	1	1	2	—	—						
Do.	Sept. 11	35,416	15	1	7	1	1	3	1						
Altoona, Pa.	do.	38,973	10	1	8	2	2	1	—						
Ann Arbor, Mich.	Sept. 4	14,509	2	—	—	—	—	—	—						
Do.	Sept. 11	14,509	5	3	1	—	—	—	—						
Ashtabula, Ohio	Sept. 4	12,949	4	—	—	—	—	—	—						
Do.	Sept. 11	12,949	8	—	—	—	—	—	—						
Baltimore, Md.	do.	508,957	202	22	60	4	5	7	2	3	13	4			
Bayonne, N. J.	do.	32,722	5	2	4	4	1	—	—	—	—				
Berkeley, Cal.	Sept. 4	13,214	8	—	—	—	—	—	—	—	—				
Biddeford, Me.	Sept. 11	16,145	9	—	—	—	—	—	—	—	—				
Biloxi, Miss.	Sept. 4	5,467	4	—	—	—	—	—	—	—	—				
Do.	Sept. 11	5,467	2	—	—	—	—	—	—	—	—				
Binghamton, N. Y.	Sept. 4	38,647	14	1	—	5	1	—	—	—	1				
Boston, Mass.	Sept. 11	560,892	196	44	19	35	3	17	34	2	11	4			
Braddock, Pa.	Sept. 4	15,654	9	1	1	1	6	1	1	—	—				
Do.	Sept. 11	15,654	8	—	—	—	11	2	—	1	—				
Bradford, Pa.	do.	15,029	—	—	1	—	—	1	—	—	—				
Brockton, Mass.	do.	40,063	8	6	5	—	—	—	—	—	1				
Butler, Pa.	Aug. 28	10,853	3	—	—	1	—	—	—	—	—				
Do.	Sept. 2	10,853	6	—	1	—	—	—	—	—	1				
Butte, Mont.	do.	30,470	8	—	—	—	—	2	—	—	—				
Do.	Sept. 9	30,470	12	—	1	—	—	1	—	—	—				
Cambridge, Mass.	Sept. 4	91,886	32	3	7	—	3	1	—	—	—				
Do.	Sept. 11	91,886	32	4	2	—	5	6	3	1	—				
Camden, N. J.	Sept. 11	75,935	30	1	—	—	—	2	1	—	—				
Camden, S. C.	do.	2,441	1	—	—	3	—	—	—	—	—				
Carbondale, Pa.	Sept. 4	13,536	7	—	—	—	—	—	—	—	—				
Do.	Sept. 11	13,536	6	—	—	—	—	—	—	—	—				
Chelsea, Mass.	Sept. 11	34,072	10	—	—	1	—	4	—	—	—				
Do.	Sept. 11	34,072	11	4	1	1	4	1	1	1	—				
Chicago, Ill.	do.	1,608,575	502	58	61	62	6	91	4	64	7	26	1	57	8
Chicopee, Mass.	do.	19,167	9	—	—	—	—	—	—	—	—	—			
Cincinnati, Ohio.	Sept. 4	325,902	109	25	17	—	—	—	—	—	—	—			
Do.	Sept. 11	325,902	114	19	20	11	—	11	10	—	1	—	—		
Clinton, Mass.	do.	13,667	5	—	—	1	1	—	—	—	1	—	—		
Columbus, Ga.	do.	17,614	8	—	—	—	—	—	1	—	—	—			
Columbus, Ohio.	Sept. 4	125,560	38	7	6	11	—	5	4	—	2	—	—		
Concord, N. H.	do.	19,632	11	—	—	2	—	—	3	—	—	—			
Covington, Ky.	Sept. 11	42,938	14	—	5	—	—	—	2	—	—	—			
Do.	Sept. 11	16,534	—	—	1	2	2	1	1	—	1	1	—		
Danville, Ill.	do.	35,254	1	1	1	—	—	—	7	—	—	—			
Davenport, Iowa.	Sept. 6	85,333	32	4	3	3	1	—	2	—	—	—			
Dayton, Ohio.	Sept. 11	285,704	135	17	1	—	17	2	—	—	—	—			
Detroit, Mich.	do.	80,000	19	1	—	1	—	10	6	—	—	—			
Duluth, Minn.	Sept. 10	52,130	32	—	4	—	—	1	—	—	1	—			
Elizabeth, N. J.	Aug. 7	52,130	32	—	4	—	—	1	—	—	1	—			
Do.	Aug. 14	52,130	26	—	1	1	—	1	1	—	1	1			
Do.	Aug. 21	52,130	24	—	2	1	—	—	2	—	1	1			
Do.	Aug. 28	52,130	33	—	3	1	1	—	2	—	1	2			
Elkhart, Ind.	Sept. 4	15,184	2	—	—	1	1	—	—	—	—	—			
Do.	Sept. 11	15,184	3	—	—	1	1	—	—	—	—	—			
Elmira, N. Y.	Sept. 4	35,672	8	12	—	6	—	—	5	1	—	—			
Do.	Sept. 11	35,672	10	13	—	8	—	1	—	—	—	—			
El Paso, Tex.	Sept. 7	15,905	27	5	9	3	1	—	—	—	1	3	1		
Erie, Pa.	Sept. 4	52,733	18	5	—	4	1	1	—	—	1	2	—		
Do.	Sept. 11	52,733	19	1	2	7	—	2	—	—	1	—	—		
Evansville, Ind.	Sept. 4	59,067	16	3	1	5	1	6	—	3	—	—			
Do.	Sept. 11	59,067	14	1	2	8	1	21	6	—	—	—			
Everett, Mass.	do.	24,336	10	—	1	2	—	—	—	—	—	—			
Fall River, Mass.	do.	104,863	47	—	1	10	—	8	2	—	3	—			
Findlay, Ohio.	do.	17,613	7	—	4	—	—	3	5	—	—	—			
Fort Wayne, Ind.	do.	45,115	14	—	1	3	—	—	—	—	—	—			
Galesburg, Ill.	Sept. 4	18,607	4	—	—	—	—	2	—	—	—	—			
Do.	Sept. 11	18,607	7	—	—	—	—	2	—	—	—	—			
Galveston, Tex.	do.	37,789	2	2	2	6	—	—	2	—	—	—			
Gloucester, Mass.	do.	26,121	4	—	—	—	—	—	—	—	—	—			
Grand Rapids, Mich.	Sept. 4	87,565	27	3	2	7	1	3	3	—	—	—			
Do.	Sept. 11	87,565	33	6	10	—	2	—	1	—	1	2			
Greensboro, N. C.	do.	10,035	6	1	—	1	1	—	4	—	—	—			
Harrison, N. J.	do.	10,506	2	—	—	1	—	—	—	—	—	—			
Haverhill, Mass.	do.	37,175	8	2	1	1	—	4	2	—	4	—			
Houston, Tex.	Sept. 4	44,633	27	—	2	—	1	4	—	—	—	—			

## Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles.	Whoop-	Deaths.
				closis.	fever.	fever.	thria.		ing	
				Cases.	Cases.	Cases.	Cases.	Cases.	Cases.	Deaths.
Hyde Park, Mass.	Sept. 11	13,244	6	1		1				
Jersey City, N. J.	Sept. 5	206,438	69	5	2	11			7	1
Do.	Sept. 12	206,438	58	3	5			6	1	1
Johnstown, Pa.	Sept. 11	35,936	15	2	3	2		3		2
Kalamazoo, Mich.	Sept. 4	24,404	8	1	1					
Kansas City, Kans.	do.	5,418	19	2	4	12			5	1
Kansas City, Mo.	Sept. 4	163,752	61	10	1	1		3	1	
La Crosse, Wis.	Sept. 11	163,752	50	6	8	1	5	3	1	1
Knoxville, Tenn.	do.	32,637	10	2	1					
La Crosse, Wis.	Sept. 4	28,895	5		1					
Do.	Sept. 11	28,895	5		2				3	
Lafayette, Ind.	Sept. 6	18,116	7	3	1	1				
Do.	Sept. 13	18,116	7		1	1				
Lawrence, Mass.	Sept. 4	10,862	34	1	3	3		3	1	2
Lebanon, Pa.	Sept. 11	17,628	7		1	2	1			
Lexington, Ky.	Aug. 28	26,369	9		1				1	1
Do.	Sept. 4	26,369	13		4				3	
Do.	Sept. 11	26,369	9					2		
Los Angeles, Cal.	Sept. 4	102,749	87	14	13	9	3	1	1	8
Lowell, Mass.	Sept. 11	94,969	46	2	2	2		1		1
Lynn, Mass.	Sept. 4	68,513	21		1			3	2	
McKeesport, Pa.	Aug. 7	34,227	11	1		5				3
Do.	Aug. 14	34,227	11	1		2		2		
Do.	Aug. 21	34,227	17			7				
Do.	Aug. 28	34,227	13			2		3	1	2
Macon, Ga.	Sept. 7	22,746	4			1	1	1		
Do.	Sept. 14	22,746	5	2	3	1				
Malden, Mass.	Sept. 4	33,664	7	1	2			2		
Do.	Sept. 11	33,664	8	2		1		3	1	
Manchester, N. H.	do.	56,987	29	3	1	1		7	1	
Manitowoc, Wis.	Sept. 4	11,786	1				2			
Do.	Sept. 11	11,786	7			2	3			
Mansfield, Ohio.	do.	17,650			4					
Marietta, Wis.	do.	16,195	3						1	
Marlboro, Mass.	Sept. 4	13,609	3	1						
Massillon, Ohio.	do.	11,944	7	1	5					
Do.	Sept. 11	11,944	1			1				
Medford, Mass.	do.	18,244	6		1		2			
Melrose, Mass.	Sept. 4	12,962	6		1	1	3		2	
Milwaukee, Wis.	Sept. 12	285,315	94		4	4	23	3	7	2
Mobile, Ala.	Sept. 4	38,469	20	4	2			1		
Montclair, N. J.	Sept. 4	13,962	6	1	1					2
Do.	Sept. 11	13,962	6		1					
Montgomery, Ala.	Sept. 10	30,346	18			1				
Morristown, N. J.	Sept. 4	13,000	7							
Do.	Sept. 11	13,000	7		1		1			
Mount Vernon, N. Y.	do.	21,228	14		3					
Nanticoke, Pa.	Sept. 5	12,616	7							
Do.	Sept. 12	12,616	10		1		1		1	
Nashville, Tenn.	Sept. 11	80,865	26	3	4	16	2	5		3
Nebraska City, Nebr.	Sept. 4	7,200	2							
Do.	Sept. 11	7,200	2		1					
Newark, N. J.	do.	246,070	111	17	11	11	8	21	2	
Do.	Sept. 11	246,070	116	17	18	5	1	17		
New Bedford, Mass.	do.	63,442	27	1	3	4	4		1	
Newburyport, Mass.	do.	14,478	12					1		
New London, Conn.	Sept. 4	17,548	5		1				2	
Do.	Sept. 11	17,548	4	1						
New Orleans, La.	Sept. 4	278,104	112	25	12	5	5	18	1	6
Do.	Sept. 11	278,104	120	40	17	10	1	10		6
Newport, Ky.	do.	28,301	10							
Newton, Mass.	do.	33,587	8		1			2		
New York, N. Y.	do.	3,437,202	1,317	429	158	285	25	82	4	188
Niagara Falls, N. Y.	Sept. 4	19,457	10	3	1	3		1		
Do.	Sept. 11	19,457	12		3	1	2			1
Norristown, Pa.	do.	22,265	3		3		3			
North Adams, Mass.	do.	24,200	3		1		1			
Northampton, Mass.	Sept. 10	18,643	7						2	4
Orange, N. J.	do.	24,141	7							
Ottumwa, Iowa.	Sept. 4	18,197	6							
Paducah, Ky.	Sept. 11	18,197	6							
Do.	Sept. 11	19,446	8	6	1			1	1	
Palmer, Mass.	do.	19,446	2	3						
Peekskill, N. Y.	do.	7,801	4							
Peekskill, N. Y.	do.	10,358	8						8	

September 24, 1909

## Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-cu-losis.		Enteric fever.		Scarlet fever.		Diph-theria.		Measles.	Whoop-ing cough.		
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.				
Philadelphia, Pa....	Aug. 28	1,293,697	408	78	57	55	5	20	...	42	8	11	1	8	2
Do.....	Sept. 4	1,293,697	372	60	40	45	2	28	...	43	3	8	1	23	3
Pittsburg, Pa.....	Aug. 21	321,616	135	58	6	27	2	8	...	6	1	3	...	9	2
Do.....	Aug. 28	321,616	141	33	10	23	3	8	...	2	...	4	...	10	...
Do.....	Sept. 4	321,616	128	18	11	23	3	11	...	10	1	1	...	6	1
Plainfield, Mass.....	Sept. 11	21,766	15	1	2	7	...	...	...	...	...	...	...	...	...
Plainfield, N. J.....	do.....	15,369	21	2	...	1	...	...	...	...	...	...	...	...	...
Plymouth, Pa.....	Sept. 4	13,649	2	...	...	...	...	...	...	...	...	...	...	...	...
Portland, Me.....	Aug. 21	50,145	19	...	...	...	...	...	...	...	...	...	...	...	...
Do.....	Sept. 4	50,145	20	2	2	1	5	...	...	...	...	...	...	...	...
Do.....	Aug. 28	50,145	15	...	...	6	1	1	...	...	...	...	...	...	...
Portsmouth, N. H.....	Sept. 4	10,637	1	...	...	1	...	...	...	...	...	...	...	...	...
Portsmouth, Va.....	Sept. 1	17,427	8	...	...	1	1	1	...	...	...	...	...	...	...
Pottstown, Pa.....	Sept. 11	13,096	7	1	1	5	1	...	...	...	...	...	...	...	...
Providence, R. I.....	do.....	175,597	48	20	6	6	...	11	...	8	...	3	...	...	...
Racine, Wis.....	do.....	29,102	13	...	...	...	...	2	1	...	...	...	...	...	...
Reading, Pa.....	Sept. 6	78,961	21	...	1	13	2	1	...	3	...	...	...	...	...
Richmond, Va.....	Sept. 13	78,961	23	1	3	12	1	1	...	1	...	...	...	2	...
Rock Island, Ill.....	Sept. 4	85,050	34	2	6	13	1	...	...	5	...	...	...	4	...
Do.....	Sept. 14	85,050	24	5	3	7	...	...	...	7	...	...	...	2	...
St. Joseph, Mo.....	Sept. 4	19,493	1	...	...	...	...	...	...	...	...	...	...	1	...
St. Louis, Mo.....	Sept. 11	19,493	2	...	...	...	...	...	...	...	...	...	...	1	...
St. Louis, Mo.....	Aug. 7	102,979	19	1	...	...	...	2	...	1	...	1	...	1	...
Do.....	Aug. 14	102,979	28	1	6	...	...	2	...	1	...	...	...	1	...
Do.....	Aug. 21	102,979	27	...	2	2	...	...	...	...	...	...	...	...	...
Do.....	Aug. 28	102,979	13	...	2	...	...	5	...	1	...	2	...	...	...
Do.....	Sept. 4	102,979	11	...	...	...	...	1	...	2	...	...	...	...	...
Do.....	Sept. 11	102,979	12	1	...	1	2	2	...	...	...	...	...	...	...
San Francisco, Cal.....	Sept. 4	575,238	171	52	18	28	4	18	1	13	2	3	8	...	...
San Jose, Cal.....	do.....	21,500	5	1	...	...	...	...	...	16	1	5	9	2	...
Schenectady, N. Y.....	do.....	31,682	26	4	2	6	...	1	1	...	...	...	...	...	...
Somerville, Mass.....	Sept. 11	61,643	8	1	2	3	...	2	...	1	...	1	...	...	...
South Bend, Ind.....	Sept. 4	35,999	13	1	1	1	1	1	...	1	...	...	...	...	...
Do.....	Sept. 11	35,999	11	...	...	...	...	...	...	...	...	...	...	...	...
South Bethlehem, Pa.....	do.....	13,241	7	...	...	...	...	...	...	...	...	...	...	...	...
Spokane, Wash.....	Aug. 14	38,848	19	...	4	2	5	...	...	3	...	...	...	...	...
Do.....	Aug. 21	38,848	23	1	4	...	5	...	...	6	1	...	...	1	...
Do.....	Aug. 28	38,848	22	...	3	1	9	1	3	...	...	...	...	...	...
Springfield, Mass.....	do.....	12,059	15	3	3	...	6	...	...	6	1	1	2	...	...
Springfield, Ohio.....	do.....	38,233	11	3	1	2	1	...	...	...	...	...	...	...	...
Steelton, Pa.....	Sept. 11	12,068	4	...	...	...	...	...	...	...	...	2	...	...	...
Superior, Wis.....	Sept. 4	31,091	10	...	...	...	...	7	...	4	...	...	...	...	...
Do.....	Sept. 11	31,091	13	...	...	1	...	1	...	1	...	...	...	...	...
Tacoma, Wash.....	Sept. 5	37,714	17	2	3	...	4	...	...	3	2	...	...	...	...
Taunton, Mass.....	Sept. 11	31,036	25	3	...	...	5	...	...	1	...	...	...	...	...
Terre Haute, Ind.....	do.....	36,673	23	5	1	1	1	1	...	1	...	...	...	1	...
Titusville, Pa.....	Sept. 11	8,244	3	...	1	...	...	...	...	...	...	...	...	...	...
Trenton, N. J.....	do.....	73,307	3	4	6	...	3	...	...	2	...	...	...	...	...
Waltham, Mass.....	do.....	23,481	7	2	...	8	1	...	...	...	...	...	...	...	...
Warren, Ohio.....	Sept. 4	8,529	1	...	...	...	...	...	...	1	...	...	...	...	...
Do.....	Sept. 11	8,529	0	...	1	...	...	1	...	1	...	...	...	...	...
Washington, D. C.....	Sept. 4	278,718	104	52	16	38	1	14	...	6	1	...	...	11	...
Weymouth, Mass.....	Sept. 11	11,324	3	1	1	...	...	...	...	...	...	...	...	...	...
Wichita, Kans.....	Sept. 4	24,671	18	...	15	3	...	...	...	1	1	...	...	...	...
Wheeling, W. Va.....	do.....	38,878	7	1	6	1	...	...	...	1	...	1	...	...	...
Wilkes-Barre, Pa.....	Sept. 10	51,721	21	7	1	...	...	...	...	2	...	...	...	2	...
Wilkinsburg, Pa.....	Sept. 14	13,000	2	...	...	1	...	...	...	...	...	1	...	...	...
Williamsport, Pa.....	Sept. 2	28,757	6	1	1	1	...	1	...	...	...	...	4	...	...
Do.....	Sept. 11	28,757	6	...	...	...	...	...	...	...	...	...	...	...	...
Wilmington, Del.....	do.....	76,508	20	5	...	1	...	...	...	...	...	...	...	...	...
Winona, Minn.....	Sept. 4	19,714	6	...	...	...	...	...	...	...	...	...	...	...	...
Do.....	Sept. 11	19,714	6	...	...	...	...	...	...	...	...	...	...	...	...
Woburn, Mass.....	do.....	14,254	3	...	...	...	...	1	...	...	...	...	...	4	...
Worcester, Mass.....	Aug. 21	118,421	34	6	2	11	...	4	...	2	...	...	...	...	...
Do.....	Aug. 28	118,421	47	2	3	9	...	5	...	10	2	...	...	3	2
Do.....	Sept. 4	118,421	49	8	1	13	2	1	...	7	...	...	...	1	1
Yonkers, N. Y.....	Aug. 2	47,931	27	3	3	1	...	5	...	2	...	...	...	2	...
Do.....	Sept. 9	47,931	20	5	1	2	...	2	...	3	...	...	...	2	...
York, Pa.....	Sept. 4	33,708	...	...	2	...	...	...	...	...	...	...	...	2	...
Zanesville, Ohio.....	Sept. 11	23,538	9	...	...	1	1	1	...	1	...	1	...	1	...

## FOREIGN AND INSULAR.

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### BARBADOS.

*Report from Bridgetown—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Urquhart reports, September 4:

Week ended September 4. Bills of health issued to 11 vessels, having a total of 152 passengers and 545 members of crews. Four vessels fumigated. Sanitary condition of vessels, cargoes, crews, and passengers good. Sanitary condition of the port and island good. No quarantinable disease reported.

### CHINA.

*Report from Amoy—Fumigation of vessel—Cholera and plague—Plague and smallpox in vicinity during month of July, 1909.*

Passed Assistant Surgeon Foster reports, August 9:

Week ended August 7. No bills of health issued. August 7, the British steamship *Taisang* was fumigated with sulphur dioxide gas to destroy rats. The fumigation was done while the vessel was empty and previous to loading cargo for Manila. During the week ended August 7 there were 51 deaths from plague and 15 from cholera in Amoy.

The following quarantinable diseases are reported from villages in the vicinity of Amoy for the month of July: In Kang Thau, 8 cases of plague with 3 deaths; in Eng Ta Thau, 11 cases of plague with 4 deaths, and 9 cases of smallpox with no deaths.

*Report from Hankow—Cholera.*

Consul Baugh reports, August 3:

Cholera is now present in the native city, but is not widely diffused.

*Report from Hongkong—Quarantine restrictions—Plague—Examination of emigrants—Inspection of vessels.*

Passed Assistant Surgeon McKeon reports, August 4:

Week ended July 31. Restrictions enforced by Hongkong remain as reported July 17; against Hongkong as reported July 17.

*Quarantinable disease.*—Plague 2 cases, 2 deaths.

*Aliens for Honolulu and Pacific coast ports.*—Examined, 554; rejected, 95.

*Aliens for Philippine Islands.*—Examined, 11; rejected, 0.

Vessels inspected, 10.

*Reports from Shanghai—Inspection of vessels—Cholera and smallpox—Cholera on steamship Hudson.*

Acting Assistant Surgeon Ransom reports, August 3 and 11:

Week ended July 31. One original and 2 supplemental bills of health issued to 3 steamships having an aggregate personnel of 437. There were inspected 2 steamships, 109 members of crews, 1 cabin passenger, and 8 steerage passengers. Manifests were viséed for 10,508 pieces of freight. The baggage of 3 steerage passengers, numbering 8 pieces, was disinfected. Four emigrants for San Francisco per steamship *China* were examined, of whom 3 were passed and 1 was recommended for rejection on account of trachoma.

The steamship *Hudson*, repairing in this port, and ultimately bound to New York, developed 3 cases of cholera among her crew, the first being the chief officer, whom I saw within 2 hours after he was attacked, and whom I had immediately removed to the isolation hospital. The second officer and the Chinese steward, who nursed the first case, were attacked by the disease in about 14 and 18 hours, respectively. All were immediately removed from the ship, the Chinaman by his friends, as is usually the case. The first case was taken ill on the morning of July 29, and died on the morning of July 31.

The exact origin of the outbreak is not determined. After the removal of the last case the ship was thoroughly disinfected, and the crew were removed temporarily to other quarters to undergo observation. The crew, including the officers, were bathed, and all effects were disinfected by steam, the articles being handled exclusively by the crew of the disinfecting hulk, who also gave the living quarters a preliminary disinfection with formaldehyde gas before the removal of the clothing, following it by a thorough scrubbing with carbolic acid solution after emptying, and a further fumigation with formalin. Especial attention was given to the water-closets. No further cases have developed. All the fresh water on board was boiled for 30 minutes by leading live steam into the tanks. All of this work I personally saw done.

Week ended August 7. Four supplemental and 2 original bills of health granted to 6 steamships, with an aggregate personnel of 1,275. There were bathed and disinfected by steam 88 members of crews, including 44 from the *Hudson*, and there were inspected 219 members of crews, 1 cabin passenger, and 22 steerage passengers. Manifests were viséed for 17,047 pieces of freight. There were disinfected by steam 378 pieces of baggage belonging to members of crews, including that of the *Hudson*, together with all textiles from the living quarters of the crew and officers. One ship was disinfected and 1 had her forecastles mechanically cleaned. There were also disinfected 2 pieces of baggage, the property of steerage passengers. Eight emigrants for San Francisco per steamship *Manchuria* were examined, of whom 2 were passed and 6 recommended for rejection on account of trachoma.

Cholera continues to be present among foreigners and natives, but not in epidemic form.

One death from smallpox among natives.

*Report from Swatow—Plague outbreak extinct—Summary of plague deaths.*

Consul Pontius reports, July 8:

The outbreak of plague in Swatow and vicinity is extinct. The total approximate number of deaths recorded was 2,500. In the city of Swatow only 2 or 3 deaths occurred. The outbreak at no time obtained a foothold in the city; precautionary measures were taken.

#### COSTA RICA.

*Report from Limon, fruit port—Stegomyia present.*

Acting Assistant Surgeon Goodman reports:

Week ended August 30. Estimated population 8,000. General sanitary condition of this port and the surrounding country during the week, good. Mosquitoes are few in number; *Anopheles* and *Stegomyia* are present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected
Aug. 25	Abangarez.....	84	12	38	0
26	Greenbrier.....	46	1	0	0
26	Preston.....	30	0	0	0
27	Ellis.....	34	2	0	0
27	Belita.....	22	0	0	0
28	Ravn.....	19	0	0	0
28	Bluefields.....	20	0	0	0
28	Parismina.....	77	1	7	0
29	San Jose.....	46	7	0	0
30	Prinz Aug. Wilhelm.....	119	101	15	0

#### CUBA.

*Report from Cienfuegos—Inspection of vessels—Sanitary conditions.*

Acting Assistant Surgeon Suarez reports, September 6:

*Week ended September 4.*

Vessels inspected.....	4
Bills of health issued.....	4
Members of crews inspected.....	146
Immune certificates issued.....	2

Sanitary condition of city and port satisfactory; no quarantinable disease reported.

*Report from Habana—Inspection of vessels—House and water-deposit inspection.*

Passed Assistant Surgeon Amesse reports, September 14:

*Week ended September 11.*

Bills of health issued.....	24
Vessels inspected.....	19
Members of crew of outgoing vessels inspected .....	1,147
Passengers of outgoing vessels inspected .....	608

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No quarantinable disease reported in the island during the week.

For the period from September 1 to 10, the city health officer of Habana reports the following operations: 22,249 houses inspected, approximately two-thirds of all dwellings in the city; 13,039 collections of water petrolized by the mosquito brigades; 45,633 cans and bottles removed from private premises; 13,641 linear meters of ditching cleaned, and 6,184 square meters of public lands cleared of vegetation.

*Reports from Matanzas—Inspection of vessels—Sanitary conditions.*

Acting Assistant Surgeon Nuñez reports, September 7 and 13:

Week ended September 4. Bills of health issued to 2 vessels bound for United States ports.

The health of the city and surrounding country continues good. No quarantinable diseases reported.

Week ended September 11. Bills of health issued to 5 vessels clearing for United States ports in good sanitary condition.

*Report from Santiago—Inspection of vessels—House and water-deposit inspection.*

Acting Assistant Surgeon Wilson reports, September 8:

Week ended September 4. Bills of health issued to 7 vessels bound for the United States. No vessel disinfected.

No quarantinable disease reported.

The sanitary department reports 3,071 houses inspected, and larvæ found in 5 water deposits.

**ECUADOR.**

*Report from Guayaquil—Plague and smallpox—Vaccination—Fumigation of vessels.*

Passed Assistant Surgeon Lloyd reports, August 25:

During the month of July there were 23 new cases of plague in Guayaquil, with 11 deaths; for the same period there were 25 cases of yellow fever with 11 deaths. Nine vessels were fumigated during the month to kill rats and mosquitoes.

During the first 15 days of the month of August there were 12 cases with 3 deaths and 6 cases with 4 deaths from plague and yellow fever, respectively; 16 cases of plague and 2 of yellow fever remain under treatment; 2 vessels were fumigated.

No cases of plague have been reported from other points in the Republic. Four cases of smallpox occurred on a ranch about 10 miles from Guayaquil, the contagion being clearly traced to a place down the coast. One man on this ranch escaped vaccination in rounding up the laborers and later developed the disease and died. A mild case occurred in Guayaquil August 10, and was promptly isolated and vaccination of contacts was enforced. Smallpox is epidemic in Ensenada and vicinity (near Santa Elena) and vaccination is being enforced.

## GUATEMALA.

*Report from Puerto Barrios, fruit port—Stegomyia calopus present.*

Acting Assistant Surgeon Ames reports as follows:

Week ended September 4. Present officially estimated population, 350. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* present.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 30	Parismina .....	New Orleans via Belize....	77	28	3
Sept. 1	Belize.....	Mobile via Belize.....	18	0	0
3	Belvernon .....	New Orleans via Belize....	23	0	5

Temperature taken of all persons on above-named vessels day of sailing.

## HAWAII.

*Report from Honolulu—Dates of last cases of human and rat plague—Examination of rats for plague infection.*

Chief Quarantine Officer Hobdy reports, August 30:

## HONOLULU.

Last case rat plague (Aiea), 9 miles from Honolulu, August 22, 1907.

Last case human plague, Honolulu, July 17, 1907.

Last case rat plague, Hilo, July 22, 1909.

Last case human plague (Olala), 9 miles from Hilo, August 22, 1909.

*Week ended August 28.*

Total rats taken .....	564
Trapped.....	564
Found dead .....	0
Examined bacteriologically.....	383
Plague rats.....	0
Classification of rats trapped:	
Mus alexandrinus.....	48
Mus musculus.....	269
Mus norvegicus.....	66
Mus rattus .....	181
Average number of traps set daily.....	1,294

## HONDURAS.

*Report from Ceiba, fruit port.*

Acting Assistant Surgeon Jumel reports:

Week ended September 8. Present officially estimated population 6,800. General sanitary condition of this port and the surrounding country during the week, good.

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## Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 3	Rosina.....	33	3	6	0
6	John Wilson.....	18	0	0	0

Temperature of all persons on board above-named vessels taken at time of clearance.

## INDIA.

*Report from Calcutta—Cholera, plague, and smallpox—Summary of plague in Bengal and India.*

Acting Assistant Surgeon Allan reports, August 19:

Week ended August 7. There were 7 deaths from cholera, 15 from plague, and 2 from smallpox in Calcutta; in Bengal, 43 cases of plague, with 28 deaths; in India, 1,287 cases of plague, with 938 deaths.

## ITALY.

*Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox and typhus fever in Naples.*

Acting Assistant Surgeon Buonocore reports, August 30:

*Vessels inspected at Naples and Palermo week ended August 28.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Aug. 25	San Giovanni.....	New York.....	282	90	480
28	Romanie.....	Boston.....	902	250	1,180
	Total.....		1,184	340	1,660

## PALERMO.

Aug. 26	San Giovanni.....	New York.....	444	650	75
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Aug. 25	San Giovanni.....	3	1	3	1	8
28	Romanie.....	11	3	7	6	27
	Total.....	14	4	10	7	35

## PALERMO.

Aug. 26	San Giovanni.....	25	.....	24	3	52
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*Smallpox in Naples.*—During the week ended August 29, 17 cases of smallpox with 3 deaths were reported at the health office of the city of Naples.

*Typhus fever in Naples.*—During the week ended August 29, 2 cases of typhus fever and 1 death were reported at the health office of the city of Naples.

#### JAPAN.

##### *Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:  
Number of emigrants per steamship *China*, August 7: For San Francisco via Honolulu, held for observation, 2.

Per steamship *Manchuria*, August 12: For Honolulu, held for observation, 1; for San Francisco, held for observation, 1.

Per steamship *Chiyo Maru*, August 18: For Honolulu, held for observation, 4; for San Francisco, 2.

Per steamship *Minnesota*, August 19: For Seattle, rejected, 3; held for observation, 4.

##### *Report from Kobe—Inspection of vessels—Examination of emigrants—Dysentery in Kagawa prefecture.*

Acting Assistant Surgeon Knight reports, August 18:

Week ended August 14. Supplemental bills of health granted to 6 steamships, and 1 original bill of health to 1 steamship.

There were inspected 234 members of crews and 792 steerage passengers, and 54 members of crews and 54 steerage passengers were bathed and disinfected; their effects were disinfected by steam. The number of pieces of baggage steamed was 258 and bedding 104. Manifests were viséed for 40,802 pieces of freight, amounting to 4,300 tons.

Emigrants examined: Per steamship *Manchuria* for Honolulu, passed 18, recommended for rejection, 18; for San Francisco, passed 4, recommended for rejection, 1; *Minnesota* for Seattle, passed 20, recommended for rejection, 18.

The emigrants passed, together with 10 Austro-Hungarian steerage passengers to Seattle by the steamship *Minnesota*, were inspected, bathed and disinfected, and their effects were disinfected before embarkation.

There were reported 654 cases of dysentery and 7 cases of cholera at Kagawa prefecture. New cases are appearing daily. Kagawa prefecture is situated about 100 miles south of Kobe.

#### *Plague at Kobe.*

The following information is received from the Department of State, under date of September 14:

The department is in receipt of a telegram from the American consul at Kobe, Japan, dated September 13, reading: "Plague Kobe."

September 24, 1909

## JAVA.

*Report from Batavia—Cholera.*

The following is received from the Department of State, under date of September 21:

American Consul-General at Batavia cables "Cholera."

## MEXICO.

*Report from the superior board of health of Mexico—Yellow fever in Yucatan.*

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington, October 14, 1905, the president of the superior board of health of Mexico reports, September 13, that for the week ended September 11, 2 cases of yellow fever were registered at the plantations of Chinkala and Tekik, in the district of Acanceh, Yucatan, and that prophylactic measures against the disease continue to be carried out.

*Reports from Coatzacoalcos—Inspection and fumigation of vessels—Mosquitoes.*

Acting Assistant Surgeon Thompson reports, September 2 and 9:

Week ended September 1. Five vessels inspected. Of this number 3 were fumigated.

Week ended September 8. Five vessels inspected; 1 vessel fumigated.

Mosquitoes are numerous.

*Reports from Progreso—Inspection and fumigation of vessels—Yellow fever at Merida.*

Acting Assistant Surgeon Harrison reports, September 11:

## Week ended September 4.

Vessels dispatched.....	4
Vessels fumigated.....	1
Members of crews.....	126
Passengers from this port.....	11

Sanitary conditions remained without important change in Progreso, but in Merida yellow fever continued.

## Week ended September 11.

Vessels dispatched.....	7
Vessels fumigated.....	3
Members of crews.....	298
Number of passengers from this port.....	16

Sanitary conditions showed no change. In Merida there were reported, September 10, 2 new cases of yellow fever. The patients are Koreans from a small town near the city.

*Report from Salina Cruz—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Gochicoa reports, September 1:

Period from August 16 to 31, inclusive. Two vessels fumigated.

*Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Stowe reports, September 9:

*Week ended September 8.*

Vessels inspected and passed.....	9
Bills of health issued.....	9
Members of crews of outgoing vessels inspected.....	280
Passengers of outgoing vessels inspected.....	11
Vessels fumigated prior to sailing.....	5

No cases of quarantinable disease occurred during the week. Sanitary condition of port and surrounding country, good. Mosquitoes are abundant.

*Reports from Veracruz—Inspection and fumigation of vessels—Small-pox—Inspection of passengers from Merida—Sanitary work, month of August, 1909.*

Acting Assistant Surgeon Carter reports, September 5:

*Week ended September 5.*

Bills of health issued.....	8
Vessels fumigated.....	5
Vessels inspected.....	3
Passengers inspected.....	201
Members of crews inspected.....	398

Sanitary conditions at Veracruz remain good. Two cases of small-pox with 1 death were reported during the week. These cases were removed to the lazaretto and all precautions were taken.

A close inspection of passengers from Merida is made before landing, with a daily inspection while in Veracruz for 6 days if they remain that length of time in the city. If they leave the city a train inspection is carried out. There is very little increase of mosquitoes.

*Sanitary work done during the month of August, 1909.*

The following report is received from the chief of the sanitary department of Veracruz.:

*Month of August, 1909.*

Visits made to nonimmunes.....	36,427
schools .....	282
factories .....	472
stores .....	262
Nonimmunes entering the city.....	1,877
leaving the city.....	1,766
Houses fumigated.....	30
Deposits of water oiled.....	2,782
destroyed.....	7,815
Liters of petroleum used.....	4,683
Houses cleaned.....	7
Notices sent to house owners.....	9
Passengers inspected on trains.....	9,325
Suspects sent to hospital for observation.....	17

September 24, 1909

## NETHERLANDS.

*Report from Rotterdam—Inspection of vessels—Status of cholera at Rotterdam—Cholera in other localities.*

Assistant Surgeon Wollenberg reports, September 6:

Week ended September 4. Bills of health were issued to the following vessels: September 2, steamship *Cheyenne* in water ballast for New York; steamship *Zeeburg* with cargo for Jacksonville and Savannah; September 4, steamship *Ryndam* with passengers and cargo for New York; steamship *Napolitan Prince* with passengers and cargo for New York.

No emigrants from Rotterdam have been embarked. All Russians have been under 5 days' observation. All baggage has been disinfected. Crews have been inspected on deck, after being held on board as much as possible, and effects disinfected as necessary. Extra ship surgeons were engaged for both the *Ryndam* and the *Napolitan Prince*, in conformity with the United States quarantine regulations.

*Status of cholera in Holland.*

*Rotterdam.*—The law requires every person to report any case of illness suspicious of being cholera which he may note. Failure is punishable with imprisonment of from 1 day to 1 year. The people are very watchful, and the sanitary authorities are receiving many calls from all over the city. Positive cholera cases are appearing in less numbers from day to day. Filtered water from tanktugs is being supplied to bargemen, and boiling of all water for personal use is quite generally carried out. During the week there has been a total of 20 new cases of cholera with 8 deaths, making a total since August 20 of 34 cases with 14 deaths. There remain in the barracks 16 patients. The situation is improving very rapidly.

*General.*—Positive cases of cholera have been reported during the week at Uithorn, Breda, Gorinchem, Utrecht, Tholen, Middelburg, and Vlaardinger. There have been 7 cases with 5 deaths. All occurred among bargemen directly from Rotterdam. In some places the canal water has been rendered unfit for drinking by the addition of petroleum. All army maneuvers have been stopped.

*Rotterdam free from cholera—Cholera at Amsterdam and Dirksland.*

The following information is received from the Department of State, under dates of September 15 and 18:

September 15. A telegram of September 14 has been received from the American minister at The Hague, reading:

I am officially informed by the minister for foreign affairs that no case of cholera has appeared at Rotterdam since September 4, and no cholera death since September 8, and that under the treaty Rotterdam can no longer be considered infected.

September 18. The Dutch minister to the United States informs the Secretary of State that the last cases of cholera in the Netherlands occurred September 10, one at Dirksland and one at Amsterdam. Since that date no cases have occurred.

Dirksland is a village situated 20 miles southwest of Rotterdam, in the Rhine-Meuse delta.

## NICARAGUA.

*Report from Bluefields, fruit port—Stegomyia calopus abundant.*

Acting Assistant Surgeon Layton reports:

Week ended September 2. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* are abundant.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 29	Imperator.....	New Orleans.....	21	4	1
31	Tacoma.....	Puerto Cortez.....	294	0	0

Temperature of all on board of steamship *Imperator* taken day of sailing.

## PERU.

*Report from Callao—Inspection of vessels—Smallpox at Mollendo—Plague in Chile.*

Acting Assistant Surgeon Gutierrez reports, August 30:

Week ended August 28. Four steamships, with an aggregate personnel of 313 crew and 91 cabin and 145 steerage passengers, dispatched. Three of these vessels were fumigated prior to sailing. No cases of plague have occurred at Callao since August 7. At Mollendo there are many cases of smallpox, and the sanitary authorities are vaccinating.

Bills of health report plague in Chile at Iquique, August 22, with 4 cases isolated in the lazaretto.

## PHILIPPINE ISLANDS.

*Reports from Manila—Cholera and smallpox in Manila—Status of cholera in the provinces—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, August 3 and 12:

Week ended July 31. One case of cholera with one death and 1 case of smallpox were reported for the city of Manila.

*Cholera in the provinces.*

Province.	Cases.	Deaths.
Bulacan.....	4	4
Oriental Negros.....	21	6
Pampanga.....	66	58
Leyte.....	1	0
Cebu.....	6	1
Albay.....	17	12
Camarines.....	21	19
Rizal.....	1	1
Tarlac.....	2	1
Total.....	139	102

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No consular bills of health issued during the week.

Week ended August 7. No quarantinable diseases occurred in the city of Manila.

*Cholera in the Provinces.*

Province.	Cases.	Deaths.
Bulacan.....	4	1
Oriental Negros.....	43	28
Pampanga.....	21	18
Cagayan.....	33	17
Albay.....	10	3
Camarines.....	27	21
Tarlac.....	1	1
Total.....	139	89

Consular bills of health issued: August 2, the German steamship *Numantia*, with 51 in crew, en route from Yokohama to New York, granted a supplemental bill of health, after the usual inspection of cargo and personnel. August 3, the British steamship *Cyclops*, with 99 in crew and 1 stowaway, en route from Glasgow to Seattle and Tacoma, granted a supplemental bill of health; crew inspected at hour of sailing; cargo investigated and passed while loading. August 6, the British steamship *Indravelli*, with 43 in crew and 3 passengers, en route from Newcastle via Cebu to Boston and New York, granted a supplemental bill of health; cargo and crew inspected prior to sailing. August 6, the German steamship *Kiel*, en route from Newcastle to Cebu, granted a supplemental bill of health after the usual inspection. August 7, the Norwegian steamship *Rygja*, with 30 in crew, granted a bill of health for Portland, Oreg. Vessel fumigated throughout while in port. Crew inspected at the hour of sailing.

**PORTO RICO.**

*Report from Ponce—Transactions of Service, month of August, 1909.*

Acting Assistant Surgeon Ferrer-Torres reports, September 1, through Chief Quarantine Officer Grubbs:

*Month of August, 1909.*

Vessels inspected.....	13
Vessels disinfected.....	1
Vessels in quarantine.....	2
Passengers inspected:	
Incoming.....	182
In transit.....	773
Passengers in quarantine.....	9
Immigrants inspected.....	56
Rejections.....	0
Members of crews inspected.....	560
Bills of health issued.....	9
Pieces of baggage disinfected.....	17

## RUSSIA.

*Report from Libau—Status of cholera in Russia—Examination of emigrants.*

Acting Assistant Surgeon De Forest reports, August 28:  
Week ended August 28:

*Cholera in Russia.*

Place.	Cases.	Deaths.
St. Petersburg.....	180	64
Moscow.....	3	0
Nishni Novgorod (since beginning of epidemic).....	11	6
Riga.....	17	10
Reval.....	2	0
Novgorod (during week).....	20	8
Tver.....	13	4
District of Karscheosk.....	21	12
District of Vyschnevolozk.....	1	0
District of Veslegousk.....	3	2
District of Novotorshot.....	1	0
Vitebsk (since beginning, 293 cases; 108 (d.).....	114	42
Vologda.....	92	49
Perm (since beginning of epidemic).....	16	6
Motovilicha.....	12	2
Kungur.....	0	2
Ulischi (near Saratov).....	3	0
Saratov.....	3	0
Archangel.....	7	3
Kem.....	7	2
Troizk.....	0	1
Polotzk.....	1	1
Kremenschtug.....	4	4
Krahuuholme Manufactory (Estonia).....	1	0
Jaroslav.....	20	14
Rubinsk.....	14	8
Mohilev.....	24	10
Kostroma.....	1	1
Charkov.....	2	0
Driissa.....	6	4
Onego.....	2	0

For the *Estonia*, sailing August 31, I have examined 759 emigrants. No cases of illness were found among them at first examination; 270 pieces of baggage have been disinfected.

No quarantinable disease exists in Libau.

## SWEDEN.

*Report from Stockholm—Cholera case imported by steamship from St. Petersburg.*

The following is received from Minister Graves, under date of August 18:

In accordance with the international agreement of Paris, December 3, 1903, the Swedish Government reports 1 case of cholera at Stockholm.

The case is not severe. It occurred in a person who arrived at Stockholm by steamship from St. Petersburg August 10, and the disease developed August 12.

All proper precautions were taken.

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## VENEZUELA.

*Report from La Guaira—Inspection of vessels—Examination of rats for plague infection—Rat fleas—No new plague cases at Caracas—Yellow fever at Maiquetia.*

Acting Assistant Surgeon Kellogg reports, September 1:

*Bills of health issued week ended August 29.*

Date.	Vessel.	Destination.	Crew.	Passengers transit.	Passengers taken.
Aug. 23	Maracaibo.....	New York.....	44	1	2
25	France.....	Colon.....	137	43	3
27	Yucatan.....	Galveston.....	41	3	0
Sept. 1	Comediant.....	do.....	66	0	0

Baggage inspected and passed.....	pieces..	6
Rats examined bacteriologically.....		12
Plague rats.....		0
Rats identified:		
Mus norvegicus .....	7	
Mus alexandrinus.....	5	
	—	12
Rats identified as to sex:		
Male.....		5
Female.....		6
Not recorded.....		1
	—	12
Fleas identified (from 13 rats):		
Pulex cheopis.....		52
Other species.....		0
	—	52

No plague has been reported in Caracas since August 16. One death from yellow fever was reported in Maiquetia, a suburb of La Guaira, August 15, and a second death in the same house August 25.

## ZANZIBAR.

*Reports from Zanzibar—Examination of rats for plague infection.*

Consul Vining reports, July 31 and August 9:

Week ended July 31. Number of rats received, 1,858; examined, 1,858; no plague infection found.

Week ended August 7. Rats received, 1,274; examined, 1,274; no plague infection found.

## FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

**ARGENTINA—Buenos Aires.**—Month of May, 1909. Estimated population, 1,203,050. Total number of deaths, 1,548, including diphtheria 6, enteric fever 22, scarlet fever 3, smallpox 6, and 173 from tuberculosis.

**AUSTRALIA—Fremantle.**—Months of January and February, 1909. Estimated population, 261,563. Total number of deaths, 180,

including diphtheria 4, enteric fever 12, and measles 2. Months of March, April, May, and June, 1909. Total number of deaths, 395, including diphtheria 7, enteric fever 16, and measles 3.

**BRAZIL**—*Ceara*.—Month of July, 1909. Estimated population, 55,000. Total number of deaths, 116, including enteric fever 9, whooping cough 2, and 19 from tuberculosis.

**CANADA**—*Sherbrooke*.—Month of August, 1909. Estimated population, 15,300. Total number of deaths, 26, including 5 from tuberculosis.

**EGYPT**—*Alexandria*.—Month of May, 1909. Estimated population, 420,000. Total number of deaths 1,284, including diphtheria 16, enteric fever 18, measles 74, scarlet fever 55, typhus fever 2, smallpox 2, plague 1, and 78 from tuberculosis.

Month of June, 1909. Total number of deaths, 1,328, including diphtheria 10, enteric fever 23, measles 130, scarlet fever 9, typhus fever 2, plague 1, and 90 from tuberculosis.

Month of July, 1909. Total number of deaths 1,327, including diphtheria 10, enteric fever 25, measles 28, scarlet fever 7, typhus fever 1, plague 7, and 85 from tuberculosis.

**FRANCE**—*Toulon*.—Month of August, 1909. Estimated population, 110,000. Total number of deaths 150, including measles 3, and 15 from tuberculosis.

*St. Etienne*.—Two weeks ended August 15, 1909. Estimated population, 150,000. Total number of deaths, 114, including diphtheria 3, scarlet fever 1, and 18 from tuberculosis.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended August 21, 1909, correspond to an annual rate of 11.8 per 1,000 population, which is estimated at 16,445,281.

*London*.—One thousand and twenty-seven deaths were registered during the week, including measles 17, scarlet fever 7, diphtheria 6, whooping cough 13, tuberculosis 129, enteric fever 4, and 39 from diarrhea. The deaths from all causes correspond to an annual rate of 11.1 per 1,000. In Greater London 1,420 deaths were registered. In the "outer ring" the deaths included 4 from measles, 1 from scarlet fever, 8 from diphtheria, and 3 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended August 21, 1909, in the 21 principal town districts of Ireland was 16.2 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Ballymena viz, 4.8, and the highest in Portadown, viz, 25.8 per 1,000.

*Scotland*.—The deaths registered in 8 principal towns during the week ended August 21, 1909, correspond to an annual rate of 12.0 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 10.1, and the lowest in

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Greenock, viz, 10.1 per 1,000. The aggregate number of deaths registered from all causes was 428, including diphtheria 10, enteric fever 1, measles 7, scarlet fever 4, and 9 from whooping cough.

**INDIA**—*Rangoon*.—Month of June, 1909. Estimated population, 295,803. Total number of deaths, 835, including enteric fever 1, measles 2, smallpox 10, plague 116, and 18 from tuberculosis.

**ITALY**—*Genoa*.—Month of August, 1909. Estimated population, 279,163. Total number of deaths, 212, including enteric fever 11, and 17 from tuberculosis.

**RUSSIA**—*Riga*.—Month of June, 1909. Estimated population, 350,000. Total number of deaths, 624, including diphtheria 9, enteric fever 3, measles 11, scarlet fever 30, whooping cough 1, smallpox 12, cholera 4, and 64 from tuberculosis.

**SOCIETY ISLANDS**—*Tahiti*.—Five weeks ended August 20, 1909. Estimated population, 4,000. Total number of deaths, 7, including 1 from enteric fever.

**SOUTH AFRICA**—*Lourenço Marquez*.—Month of July, 1909. Estimated population, 10,000. Total number of deaths, 37, including 4 from tuberculosis.

**SPAIN**—*Huelva*.—Month of July, 1909. Estimated population, 24,000. Total number of deaths, 86, including diphtheria 2, enteric fever 2, measles 1, smallpox 13, and 12 from tuberculosis.

**URUGUAY**—*Montevideo*.—Month of June, 1909. Estimated population, 317,209. Total number of deaths, 534, including diphtheria 2, enteric fever 8, scarlet fever 24, smallpox 5, and 74 from tuberculosis.

#### *Cholera, yellow fever, plague, and smallpox, from June 26 to September 24, 1909.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 13-Aug. 7.....		110	
Hankow.....	July 17-Aug. 9.....	5	3	
Kang Thau.....	Apr. 1-June 30.....	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, still present among foreigners and natives.
Swatow.....	May 11-29.....			Present in vicinity.
Germany:				
Konigsberg.....	July 21.....		1	
India:				
Bombay.....	May 30-Aug. 17.....		252	
Calcutta.....	May 16-Aug. 7.....		395	
Madras.....	May 29-Aug. 13.....		6	
Negapatam.....	May 8-14.....		4	
Rangoon.....	May 16-Aug. 7.....		37	
Indo-China:				
Salgon.....	May 9-July 24.....	23	17	
Japan:				
Kagawa, prefecture.....	Aug. 8-14.....	7		
Kobe.....	Sept. 13.....			Present, and July 31, 1 case in vicinity.

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
Batavia.....	Sept. 21.....			Present.
Manchuria:				
Dalny.....	Aug. 11.....	1	.....	On s.s. <i>Kobe Maru</i> .
Netherlands, The.....	Aug. 20-Sept. 4.....	.....	.....	5 deaths among boatmen from Rotterdam.
Amsterdam.....	Sept. 10.....	1	.....	
Breda.....	Aug. 30-Sept. 4.....	1	.....	
Dirksland.....	Sept. 10.....	1	.....	
Dordrecht.....	Aug. 30.....	1	.....	
Gorinchem.....	Aug. 30-Sept. 4.....	1	.....	
Middleburg.....	Sept. 4.....	1	.....	
Rotterdam.....	Aug. 20-Sept. 7.....	34	14	
Tholen.....	Sept. 4.....	1	.....	
Uithorn.....	Aug. 30-Sept. 4.....	1	.....	
Utrecht.....	Sept. 4.....	1	.....	
Vlaardinger.....	Sept. 4.....	1	.....	
Philippine Islands:				
Manila.....	July 11-31.....	2	2	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported).
Provinces.....				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths.
Albay.....	June 27-Aug. 7.....	321	237	
Ambos Camarines.....	July 4-Aug. 7.....	210	151	
Bulacan.....	July 4-Aug. 7.....	69	50	
Cagayan.....	July 11-Aug. 7.....	191	96	
Cebu.....	May 16-July 31.....	48	22	
Dapitan.....	May 9-15.....	.....	.....	
Iloilo.....	May 23-June 19.....	28	18	
Isabella.....	July 18-24.....	5	4	
Leyte.....	June 6-July 31.....	22	11	
Moro.....	May 29-July 3.....	9	9	
Mountain.....	June 20-26.....	27	15	
Negros Occidental.....	May 9-15.....	8	2	
Negros Oriental.....	May 16-Aug. 7.....	181	114	
Pampanga.....	May 9-Aug. 7.....	371	262	
Pangasinan.....	June 13-19.....	1	.....	
Rizal.....	July 25-31.....	1	1	
Samar.....	May 9-July 10.....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Aug. 7.....	8	7	
Russia.....				July 23 present in Kreutzburg, Mahlgraben, Muravjevo, Pinenega, Radswilischki, Reval, Schaulen, and Tver.
Archangel.....	June 26-Aug. 27.....	307	174	
Baku, government.....	July 4-10.....	1	.....	
Chmalysk, district.....	July 1.....	1	.....	
Courland.....	July 5-Aug. 14.....	60	31	
Cronstadt.....	June 30-Aug. 24.....	59	25	
Drissa.....	July 23-Aug. 27.....	13	8	
Esthonia, government.....	July 1-Aug. 21.....	4	3	
Finland, general.....	July 16.....	1	.....	
Mariengarn.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1	.....	
Gadjatschesk.....	Aug. 13-27.....	50	16	
Hungerburg.....	July 30.....	.....	.....	Present.
Jaroslav.....	July 4-Aug. 27.....	105	58	
Kem.....	Aug. 8-27.....	40	19	
Kharkov.....	Aug. 1-27.....	9	2	
Kief.....	July 30.....	.....	.....	
Kostroma.....	July 23-Aug. 27.....	7	3	
Kretsky, district.....	July 1.....	1	.....	
Livonia.....	July 5-Aug. 21.....	85	41	
Mitau.....	July 15.....	2	1	
Moscow.....	July 9-Aug. 27.....	10	3	
Nishni Novgorod.....	July 4-Aug. 27.....	11	6	
Novgorod, government.....	July 4-Aug. 27.....	188	59	
Olonets, government.....	June 20-Aug. 14.....	11	7	
Perm.....	Aug. 2-27.....	16	6	
Polotzk.....	June 27-Aug. 27.....	343	120	
Pskov.....	July 1-Aug. 27.....	97	42	
Reval.....	Aug. 21-27.....	2	.....	
Riga.....	July 1-Aug. 27.....	154	54	
Rjasin.....	June 24-July 16.....	3	3	
Rubinsk.....	July 30-Aug. 27.....	97	53	
Saratov.....	Aug. 15-27.....	4	1	
Simbirsk.....	July 13.....	2	.....	
St. Petersburg, government.....	June 9-July 31.....	474	169	

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*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
St. Petersburg.....	June 2-Aug. 27.....	4,230	1,554	
Tver.....	Aug. 15-27.....	4	1	
Viatka, government.....	July 6-24.....	2	2	
Viina.....	July 11-Aug. 21.....	61	20	
Vitebsk, government.....	July 9-Aug. 24.....	619	213	
Vologda, government.....	May 31-Aug. 27.....	455	285	
Siam:				
Bangkok.....	Apr. 25-May 28.....	1		
Straits Settlements:				
Singapore.....	May 9-June 5.....		18	
Sumatra:				
Djambi.....	July 18-24.....			Do.
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

## YELLOW FEVER.

Barbados, general .....	June 13-Aug. 14 ..	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia .....	May 22-Aug. 6 .....	37	17	
Manaos .....	May 23-Aug. 14 .....		11	
Para .....	May 30-Aug. 28 .....	40	40	
Pernambuco .....	Apr. 15-July 31 .....		10	
British Guiana:				
Sudde.....	July 22.....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Aug. 21.....		43	
Mexico:				
Merida.....	June 5-Sept. 11.....	8	2	2 cases imported from the district of Acanceh.
Panama:				
Canal Zone—				
Ancon.....	Mar. 1-31.....			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil
Venezuela:				
Maiquetia.....	Aug. 15-25.....	2	2	

## PLAQUE.

Australia:				
Adelaide.....	Apr. 30-June 12 ..	2	2	And vicinity.
Mackay.....	Jan. 21-June 6 ..	2	2	
Sydney.....	Apr. 18-May 29 ..	5	1	
Azores:				
Terceira.....	June 16.....	3	1	
Bahrein Island, PersianGulf:				
Bahrein.....	May 29-June 10 ..		6	
Brazil:				
Bahia.....	May 22-Aug. 6 ..	22	13	
Rio de Janeiro.....	May 17-July 10 ..	2	1	
Chile:				
Antofagasta.....	May 9-30 ..	13	5	July 10, 4 cases in the lazaretto.
Iquique.....	May 20-Aug. 10 ..	19	8	Aug. 22, 4 cases in the lazaretto.
Magallones.....	May 4 ..			Still present.
China:				
Amoy.....	June 1-Aug. 7 ..		665	
Canton.....	May 9-July 24 ..	310	199	
Chang-Poo.....	July 23 ..			Epidemic.
Chinchew.....	May 22 ..			Do.
Eng-Ta-Tau.....	July 1-31 ..	11	4	
Hongkong.....	May 2-July 31 ..	88	79	
Kang-be.....	July 24 ..	61	59	
Kang Thau.....	Apr. 1-July 31 ..	125	62	
Pollam.....	May 23-29 ..	8	7	
Swatow district.....	May 16-July 3 ..		450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow.....	May 16-July 19 ..		2	
Ecuador:				
Chunchi.....	June 1-30 ..	3	1	
Duran.....	July 16-31 ..	3		
Guayaquil.....	May 23-Aug. 21 ..		41	
Huigra.....	May 1-June 15 ..	16	3	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	May 30-July 30....	10	8	
Port Said.....	May 29-Aug. 2....	11	3	
Provinces—				
Assiout.....	May 14-Aug. 12....	43	8	
Beherach.....	June 1-July 15....	28	10	
Galyoobeeeyeh.....	June 2-Aug. 10....	4	2	
Garbieh.....	June 2-Aug. 12....	32	14	
Fayoum.....	June 3-23....	15	6	
Menouf.....	Jan. 18-Aug. 8....	86	17	
German East Africa:				
Muanza district.....	Apr. 30-May 22....		12	
Hawaii:				
Hilo.....	Aug. 19-20....	1	1	
Honolulu.....	July 20....	1	.....	
Olaa plantation.....	Aug. 20-22....	3	2	
India:				
Bombay Presidency and Sind.....	May 16-Aug. 7....	2,383	1,907	
Madras Presidency.....	May 16-Aug. 7....	1,055	650	
Bengal.....	May 16-Aug. 7....	829	717	
United provinces.....	May 16-Aug. 7....	2,134	1,905	
Punjab.....	May 16-Aug. 7....	7,063	6,064	
Burma.....	May 16-Aug. 7....	1,004	952	
Central provinces, including Berar.	May 16-Aug. 7....	162	110	
Mysore State.....	May 16-Aug. 7....	707	500	
Central India.....	July 18-Aug. 7....	30	16	
Rajputana and Ajmer-Merwara.....	May 16-Aug. 7....	998	834	
Kashmir.....	May 16-June 12....	4	3	
Grand total.....		16,369	13,658	
Indo-China:				
Saigon.....	May 9-July 31....	74	71	
Japan:				
Formosa.....	May 23-July 17....	223	156	In south and central parts.
Kobe.....	May 30-July 17....	12	8	Sept. 13, again present.
Osaka.....	July 4-10....	1	1	
Shikoku, island.....	July 17-Aug. 3....	3	1	Still present.
Tokyo.....	June 26....	3	.....	
Yokohama.....	May 25-Aug. 7....	28	34	
Mauritius.....	Apr. 1-May 31....	9	9	
Peru:				
Arequipa, department.....	May 8-July 29....	11	2	Present.
Chala.....	July 3-15....	.....	.....	Do.
Mollendo.....	July 3-15....	.....	.....	
Cajamarca, department.....	May 8-July 15....	20	6	
Callao, department.....	May 8-Aug. 12....	10	4	Do.
Callao.....	June 20-Aug. 7....	.....	.....	
Ica, department.....	July 3-15....	1	.....	
Lambayeque, department.....	May 8-Aug. 12....	18	11	
Eten.....	July 15....	.....	.....	Do.
Liberatad, department.....	May 8-Aug. 12....	15	7	
Salaverry.....	July 15....	.....	.....	Do.
Lima, department.....	May 8-Aug. 12....	26	10	
Cerro Azul.....	July 15....	.....	.....	Do.
Moquegua, department.....	July 16-29....	6	2	
Ilo.....	July 15....	.....	.....	Do.
Pescadores Islands.....	June 27-July 3....	4	.....	From s. s. Lodore.
Plura, department.....	June 18-Aug. 12....	24	15	
Paita.....	June 20-July 15....	.....	.....	Present.
Russia:				
Kirgisenaul.....	Aug. 5-8....	19	18	In the Ural district.
Slam:				
Bangkok.....	Apr. 25-June 28....	13	13	
Trinidad:				
► Port of Spain.....	June 13-July 18....	6	5	
Turkey in Asia:				
Adalia.....	June 25-July 29....	5	3	
Beirut.....	June 25-July 4....	1	.....	In Harrett Aryk.
Uruguay:				
Montevideo.....	May 1-June 30....		2	
Venezuela:				
Caracas.....	June 18-Aug. 16....	13	3	
Zanzibar.....	July 14-26....	1	1	

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*Cholera, yellow fever, plague, and smallpox, etc.*—Continued.

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	May 1-July 31.....	27	15	
Bona.....	June 1-July 31.....	35	17	
Arabia:				
Aden.....	Aug. 3-9.....		1	
Argentina:				
Buenos Ayres.....	Mar. 1-May 31.....		16	
Rosario.....	Apr. 1-May 31.....	2	2	
Austria:				
Galicia.....	June 6-July 31.....	6	.....	
Silesia.....	June 20-Aug. 7.....	17	.....	
Belgium:				
Antwerp.....	July 18-24.....	4	.....	
Brazil:				
Bahia.....	May 22-Aug. 6.....	38	13	
Pernambuco.....	Apr. 1-July 31.....		65	
Rio de Janeiro.....	May 17-Aug. 8.....	71	29	
Santos.....	May 10-16.....		1	
Sao Paulo.....	May 10-July 18.....		12	
Canada:				
British Columbia—				
Vancouver.....	June 1-July 31.....	4	.....	
Nova Scotia—				
Halifax.....	June 13-Aug. 7.....	5	.....	
Quebec—				
Montreal.....	June 17.....			2 cases additional at Grosse Isle on s. s. Virginian.
Ceylon:				
Colombo.....	May 23-29.....	2	.....	
Chile:				
Valparaiso.....	May 16-Aug. 14.....			Present.
Santiago.....	May 29-Aug. 21.....			Do.
China:				
Amoy.....	June 1-July 10.....	24	31	May 9-15; present.
Eng-Ta-Tau.....	July 1-31.....	9	.....	
Hankow.....	Apr. 25-June 12.....			Present among natives.
Hongkong.....	May 2-June 26.....	16	12	
Kang Thau.....	Apr. 1-June 30.....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7.....		8	Among natives.
Tientsin.....	June 27-July 3.....	1	2	
Egypt, general.....	Apr. 30-July 22.....	1,252	293	
Alexandria.....	June 1-30.....	3	.....	
Cairo.....	May 21-July 29.....		14	
Suez.....	May 21-July 8.....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquil.....	June 1-Aug. 10.....	3	.....	In July, 4 cases and 1 death in vicinity.
France:				
Marseille.....	June 1-30.....		5	
Nantes.....	July 1-31.....	1	.....	
Paris.....	May 23-Aug. 21.....	38	3	
Toulon.....	July 25-31.....		1	
Germany, general.....	May 30-Aug. 14.....	20	.....	
Gibraltar.....	Aug. 8.....	1	.....	
Great Britain:				
Cardiff.....	July 6.....	1	.....	
Liverpool.....	June 21-26.....	2	.....	Case, June 22, from s. s. Canada.
India:				
Bombay.....	May 26-Aug. 17.....		82	
Calcutta.....	May 16-Aug. 7.....		126	
Madras.....	May 22-Aug. 6.....		13	
Rangoon.....	May 12-Aug. 7.....		27	
Indo-China:				
Saigon.....	May 9-July 10.....	20	14	
Italy, general.....	May 31-Aug. 29.....	169	.....	
Genoa.....	June 1-Aug. 15.....	13	.....	
Naples.....	May 31-Aug. 29.....	276	46	
Ottiana.....	June 23.....	1	.....	
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1	.....	
Moji.....	June 6.....	1	.....	From s. s. Selja.
Osaka.....	Jan. 1-May 31.....	3	.....	
Yokohama.....	June 1-7.....	1	.....	
Java:				
Batavia.....	May 6-Aug. 7.....	19	.....	
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

#### **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Aguascalientes.....	June 21-27.....		1	
Chihuahua.....	Aug. 16-22.....	1		
Guadalajara.....	June 11-Aug. 19.....		3	
Mexico.....	May 16-July 17.....		79	
Monterey.....	June 14-Sept. 5.....		25	
Veracruz.....	June 1-Sept. 6.....	12	4	Aug. 12: 6 cases imported from Medellin.
<b>Newfoundland:</b>				
St. Johns.....	Sept. 4.....		3	
Norway, general.....	Apr. 1-May 30.....		3	*
<b>Panama:</b>				
Canal Zone - Ancon.....	Mar. 1-31.....		1	
<b>Persia:</b>				
Khorassan.....	June 1-30.....			Epidemic.
Kurdistan.....	June 1-30.....			Do.
Mesched-i-Sur.....	June 1-30.....			Epidemic in vicinity.
Shiraz.....	May 1-31.....			Present.
Turbat-i-Haldari.....	May 1-31.....			Do.
<b>Peru:</b>				
Lima.....	July 4-10.....	1		In the lazaretto.
Mollendo.....	Aug. 28.....			Present.
<b>Philippine Islands:</b>				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths.
<b>Portugal:</b>				
Lisbon.....	May 30-Aug. 28.....	107		
<b>Russia:</b>				
Liban.....	May 6-Aug. 1.....	4		
Moscow.....	May 16-Aug. 21.....	337	101	
Odessa.....	May 30-Aug. 14.....	38	6	
Riga.....	June 6-Aug. 28.....	59		
St. Petersburg.....	May 16-Aug. 21.....	323	72	
Warsaw.....	Apr. 25-July 17.....		13	
<b>Siam:</b>				
Bangkok.....	Apr. 25-June 28.....	2	1	
<b>Siberia:</b>				
Vladivostok.....	May 15-June 3.....	4	1	
<b>Spain:</b>				
Barcelona.....	June 1-Aug. 28.....		56	
Huelva.....	May 1-July 31.....		21	
Madrid.....	May 1-July 31.....		238	
Seville.....	May 1-June 30.....		2	
Tarragona.....	July 20-26.....		1	
Valencia.....	May 30-Aug. 21.....	70	3	
Vigo.....	May 23-Aug. 14.....		10	Aug. 21, present.
<b>Straits Settlements:</b>				
Singapore.....	May 16-July 10.....		2	
<b>Switzerland:</b>				
Aargau, canton.....	June 20-26.....	1		
Fribourg, canton.....	June 13-19.....	1		
Geneva, canton.....	May 30-June 26.....	9		
<b>Tripoli:</b>				
Tripoli.....	May 23-Aug. 7.....	58	12	
<b>Turkey in Asia:</b>				
Bagdad.....	July 19.....			Present in interior.
Bassorah.....	May 9-Aug. 14.....			Present.
Hadjin.....	May 23-June 26.....			Do.
Smyrna.....	July 19.....			Do.
May 7-Aug. 6.....			64	
<b>Turkey in Europe:</b>				
Constantinople.....	May 31-Aug. 1.....		8	
<b>Uruguay:</b>				
Montevideo.....	Apr. 1-June 30.....		10	

*Weekly mortality table, foreign and insular cities.*

## Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—							
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.
Hull.....	Aug. 28	275,552	73								1
Konigsberg.....	Aug. 21	239,100	96	15							2
La Guaira.....	Aug. 28	10,000	7	3							
Do.....	Sept. 4	10,000	4								
Leeds.....	Aug. 28	484,012	5						1	1	2
Lelpsic.....	Aug. 21	537,686	169	11					1	1	3
Leith.....	Aug. 28	85,721	1								
Lisbon.....	July 3	357,000	27				2	1		1	1
Liverpool.....	do.....	760,357	262	16							
London.....	do.....	7,429,740	1,596						3	1	1
Lubeck.....	do.....	97,000	20	2				1	7	16	18
Lyons.....	Aug. 21	472,114	131	15					1	1	
Do.....	Aug. 28	472,114	148	34					2	2	1
Madras.....	Aug. 13	509,346	359			1					1
Maiquetia <sup>a</sup> .....	Aug. 25				1						
Mexico.....	Aug. 14	400,000	361	39				6			5
Nantes.....	Aug. 29	161,908	47	8							
Newcastle on Tyne.....	Aug. 28	281,584	67	2						2	
Newchwang.....	July 17	60,000	10								
Do.....	July 24	60,000	15								
Do.....	July 31	60,000	11								
Do.....	Aug. 7	60,000	32	2							
Do.....	Aug. 14	60,000	47	2							
Nottingham.....	Aug. 21	260,000	74				1				3
Nuevo Laredo.....	Sept. 4	5,000	4	2							
Nuremberg.....	Aug. 7	316,180	83								2
Odessa.....	do.....	520,000	260	17							
Do.....	Aug. 14	520,000	271	26				2	10	1	1
Do.....	Aug. 24	520,000	218	16				4	14	3	1
Ottawa.....	Aug. 28	80,200	33					1	5	6	1
Para.....	Aug. 21	185,000	75	4							2
Do.....	Aug. 28	185,000	74	9							
Port Elizabeth.....	Aug. 14	32,959	18	2							
Prague.....	Aug. 21	229,965	102	28							
Penang.....	July 31	102,520	72	8							
Queenstown.....	Aug. 28	7,684	1								
Magdeburg.....	Aug. 21	250,328	79	6							
Manaos.....	Aug. 14	52,000	34	2							
Do.....	Aug. 21	52,000	33	2							
Manchester.....	Aug. 28	631,533	184							1	3
Mannheim.....	Aug. 14	183,770	41	3							2
Manzanillo.....	Aug. 28	1,700	2								
Do.....	Sept. 4	1,700	2								
Mazatlan.....	Aug. 28	22,000	36								
Do.....	Sept. 4	22,000	13								
Moncton.....	do.....	13,500	8	1							
Do.....	Sept. 11	13,500	8								1
Monterey.....	Sept. 5	100,000	106	1				1	1		
Montreal.....	Sept. 4	389,837	146	14					2		5
Moscow.....	Aug. 21	1,335,104	838	73		1	2		13	5	18
Ottawa.....	Sept. 4	80,200	32					2			10
Nagasaki.....	Aug. 15	175,936	48								
Naples.....	Aug. 28	593,729	287				3	1		1	2
Palermo.....	Aug. 21	335,000	151	8				4	1		3
Do.....	Aug. 28	335,000	140	7				2	1		7
Paris.....	Aug. 21	2,776,394	763	164				1		1	2
Do.....	Aug. 28	2,776,394	729	162					1	1	13
Plymouth.....	Sept. 4	124,180	35								1
Rangoon.....	Aug. 7	252,155	215	7	29	3	2				
Riga.....	Aug. 28	350,000				8					
Rotterdam.....	Sept. 4	414,951	103			8					
St. John, N. B.....	do.....	40,711	13								
Do.....	Sept. 11	40,711	14	2							
St. Petersburg.....	Aug. 21	1,678,000	711	91		88	6	1	6	8	13
Do.....	Sept. 14	1,678,000	809	102		133	5	3	16	15	39
St. Stephen, N. B.....	Sept. 4	2,840	1								
Do.....	Sept. 11	2,840	1								
Salaverry.....	Aug. 18	1,750	1								
Santiago.....	Sept. 15	53,614	15	1							

<sup>a</sup> In suburbs.

September 24, 1909

## Weekly mortality table, foreign and insular cities—Continued.

Cties.	Week ended—	Estimated population.	Total deaths from all causes,	Deaths from—							
				Tuberculosis,	Plague,	Cholera,	Yellow fever,	Smallpox,	Typhus fever,	Enteric fever,	Scarlet fever,
Scheidam.....	Aug. 21	31,863	11	1							
Do.....	Aug. 29	31,863	7								
Do.....	Sept. 5	31,863	1								
Shanghai.....	July 31	565,000	212	14							
Do.....	Aug. 7	565,000	281	31			1				
Singapore.....	July 31	260,000	181	23							
Southampton.....	Sept. 4	124,667	25	4							
Stettin.....	Aug. 20	230,000	83	6					1	3	
Tacahuano.....	Aug. 14	2,800	2								1
Tarragona.....	Aug. 28	20,400	4						3		
Tegucigalpa.....	Aug. 17	24,000	10								
Do.....	Aug. 24	24,000	5								
Tientsin.....	Aug. 14	1,000,000	1						1		
Toronto.....	July 24	272,600	84								
Do.....	July 31	272,600	105								
Do.....	Aug. 21	272,600	108								
Trieste.....	do.....	217,706	114						1		
Turin.....	Aug. 20	381,439	122	16					1		
Victoria.....	Sept. 4	30,000	9								
Vigo.....	Aug. 21	40,000	12	4						1	
Do.....	Aug. 28	40,000	15	2							
Warsaw.....	July 17	764,054	289	55			1	2	6	2	5
Do.....	July 24	764,054	261	28				1	7	2	5
West Hartlepool.....	Aug. 28	66,750	9								
Winnipeg.....	Sept. 4	122,000	59	2					1		
Zanzibar.....	July 31	75,000	33	5							
Do.....	Aug. 7	75,000	20	5							

The following cases of and deaths from smallpox, yellow fever, cholera, and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended September 24, 1909:

## SMALLPOX—UNITED STATES.

	Date.	Cases.	Deaths.	Remarks.
Illinois:				
Peoria.....	Aug. 1-31.....	9	.....	
Indiana:				
Fort Wayne.....	Sept. 4-11.....	3	.....	
Louisiana:				
New Orleans.....	Aug. 28-Sept. 4.....	1	.....	
Missouri:				
St. Louis.....	Sept. 4-11.....	1	.....	
Ohio:				
Dayton.....	do.....	5	.....	

## SMALLPOX—INSULAR.

Philippine Islands:				
Manila.....	July 24-31.....	1	.....	

## SMALLPOX—FOREIGN.

	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Pernambuco.....	July 1-31.....		27	
Chile:				Present.
Valparaiso.....	Aug. 14-21.....			
China:				
Amoy.....	July 1-31.....	9	.....	Vicinity.
Newchwang.....	July 31-Aug. 14.....	2	1	
Shanghai.....	July 31-Aug. 7.....		1	
Ecuador:				
Ensenada.....	Aug. 10.....			Epidemic.
Guayaquil.....	July 1-31.....	4	1	In vicinity.
France:				
Paris.....	Aug. 14-21.....		1	
India:				
Calcutta.....	July 31-Aug. 7.....		2	
Rangoon.....	do.....		2	
Italy:				
Naples.....	Aug. 22-29.....	17	3	
Java:				
Batavia.....	July 31-Aug. 7.....	1	.....	
Mexico:				
Monterey.....	Aug. 29-Sept. 5.....		1	
Veracruz.....	do.....	2	1	
Peru:				
Mollendo.....	Aug. 30.....			Present.
Portugal:				
Lisbon.....	Aug. 21-28.....	14	.....	
Russia:				
Moscow.....	Aug. 14-21.....	3	2	
Odessa.....	Aug. 7-21.....	14	5	
Riga.....	Aug. 21-28.....	9	.....	
St. Petersburg.....	Aug. 7-21.....	40	11	
Warsaw.....	July 10-17.....		1	
Spain:				
Barcelona.....	Aug. 21-28.....		6	
Vigo.....	Aug. 14-28.....			Do.
Turkey:				
Bagdad.....	July 17-Aug. 4.....			Do.

## YELLOW FEVER.

Brazil:				
Manaos.....	July 7-14.....		2	
Para.....	Aug. 14-28.....	9	9	
Pernambuco.....	July 1-31.....		2	
Ecuador:				
Guayaquil.....	Aug. 14-21.....		3	
Mexico:				
Merida.....	Sept. 3-10.....	2	.....	In vicinity.
Venezuela:				
Maiquetia.....	Aug. 25.....	1	.....	Vicinity of La Guaira.

## CHOLERA—INSULAR.

Philippine Islands:				
Manila.....	July 24-31.....	1	1	
Provinces.....	July 24-Aug. 7.....	278	191	

September 24, 1909

## CHOLERA—FOREIGN.

	Date,	Cases,	Deaths,	Remarks.
China:				
Amoy.....	July 31-Aug. 7.....		15	
Hankau.....	Aug. 3.....			Present.
Shanghai.....	Aug. 3-11.....			Do.
India:				
Calcutta.....	July 31-Aug. 7.....		7	
Madras.....	Aug. 7-13.....		1	
Rangoon.....	July 31-Aug. 7.....		3	
Manchuria:				
Dalny.....	Aug. 7-14.....	1		On steamship Kobe Maru.
Netherlands:				
Amsterdam.....	Sept. 10.....	1		
Dirksland.....	do.....	1		
Middelburg.....	Aug. 28-Sept. 4.....	1		
Rotterdam.....	Aug. 20-Sept. 4.....	34	14	
Tholen.....	Aug. 28-Sept. 4.....	1		
Utrecht.....	do.....	1		
Vlaardingen.....	do.....	1		
Russia, general.....	Aug. 21-28.....	573	243	
Moscow.....	Aug. 14-21.....	1	1	
Riga.....	Aug. 21-28.....	17	8	
St. Petersburg.....	Aug. 22-29.....	180	64	
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

## PLAQUE.

Chile:				
Iquique.....	Aug. 22.....	4		In lazaretto.
China:				
Amoy.....	July 31-Aug. 7.....		51	
In vicinity.....	July 1-31.....	19	7	
Hongkong.....	July 24-31.....	2	2	
Ecuador:				
Guayaquil.....	Aug. 14-21.....		5	
Egypt, general.....	July 29-Aug. 5.....	9	2	
Alexandria.....	Aug. 5.....	1		
India, general.....	July 31-Aug. 7.....	1,287	938	
Calcutta.....	do.....		15	
Rangoon.....	do.....		29	
Japan:				
Kobe.....	Sept. 13.....			Present.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

*Surgeon-General,**United States Public Health and Marine-Hospital Service.*